

Access Free Free
Learning
Advanced
Free
JavaScript

Learning
Advanced
JavaScript

Automatic person authentication, the identification and verification of an individual as such, has increasingly been acknowledged as a

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Javascript

significant aspect of various security applications. Various recognition and identification systems have been based on biometrics utilizing biometric features such as fingerprint, face, retina scans, iris patterns, hand geometry, DNA traces, gait, and others. This book

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originates from an international summer school on biometrics, held in Alghero, Italy, in June 2003. The seven revised tutorial lectures by leading researchers introduce the reader to biometrics-based person authentication, fingerprint recognition, gait recognition, various aspects of

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Advanced
JavaScript
face recognition and
face detection,
topologies for
biometric recognition,
and hand detection.

Also included are the
four best selected
student papers, all
dealing with face
recognition.

Advanced Methods
and Deep Learning in
Computer Vision
presents advanced

Access Free Free Learning

Advanced
computer vision
methods,

emphasizing machine
and deep learning
techniques that have
emerged during the
past 5–10 years. The
book provides clear
explanations of
principles and
algorithms supported
with applications.

Topics covered
include machine

Access Free Free Learning

Advanced
Javascript
learning, deep
learning networks,
generative adversarial
networks, deep
reinforcement
learning, self-
supervised learning,
extraction of robust
features, object
detection, semantic
segmentation,
linguistic descriptions
of images, visual
search, visual

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tracking, 3D shape
retrieval, image
inpainting, novelty
and anomaly
detection. This book
provides easy
learning for
researchers and
practitioners of
advanced computer
vision methods, but it
is also suitable as a
textbook for a second
course on computer

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Advanced
JavaScript

vision and deep learning for advanced undergraduates and graduate students. Provides an important reference on deep learning and advanced computer methods that was created by leaders in the field Illustrates principles with modern, real-world applications Suitable

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Advanced
Javascript
for self-learning or as
a text for graduate
courses

Make learning:
painless, exciting,
habitual, and self-
motivating. Absorb
info like a human
sponge. We've never
been taught how to
learn, and that's a
shame. This book is
the key to reversing
all the misconceptions

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Advanced
JavaScript
you have and making
learning fun again.

Scientificallly-proven,
step-by-step methods
for effective learning.

Smart Learning is not
a textbook - it's a
guidebook for your
journeys in learning. It
will show you the
most effective
methods, the pitfalls
we must avoid, and
the habits we must

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cultivate. This book is highly organized and addresses all phases of the learning process, from creating a positive environment, to the biological basis of memory, to learning theories, and more. It borrows from multiple scientific disciplines to present comprehensive

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Advanced
JavaScript
techniques to simply
learn more, faster.

Master your approach
and save countless
hours. Peter Hollins
has studied
psychology and peak
human performance
for over a dozen
years and is a
bestselling author. He
has worked with a
multitude of
individuals to unlock

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their potential and path towards success.

His writing draws on his academic, coaching, and research experience. Smarter, faster, and better ways to achieve expertise.

- The physical and psychological pre-conditions to effective learning.
- How our memory works and

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Advanced Javascript

how to make it work for you. •The learning techniques that work - with evidence. •How to never need to cram again. •Why Einstein loved to play violin while working. •The learning mistakes you are probably committing right now. Outpace others, beat the competition, and get where you want to

Access Free Free Learning

go in record time.

Fluent Chinese: the complete plan from beginner to advanced is your companion guide to learning Chinese effectively. A guide to: The common roadblocks at each level and how to remove them What you should prioritize and what you can afford to ignore for the

Access Free Free Learning

time being No-
nonsense

explanations for the
things most textbooks
fail to teach you

Essential top-quality
free resources that
will have a profound
impact on your

language study Study
methods and tricks

that polyglots swear
by This book covers

the entire circuit, from

Access Free Free Learning

finding the time to
learn Chinese and
learning your first few
words up to the time
you can have fluent
conversations on any
topic, read books,
enjoy movies and
even attend university-
level classes in
Chinese if you wish.
Judith Meyer speaks
12 languages
including Chinese,

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Advanced
Javascript

Modern Greek and Indonesian. After completing a degree in Romance Languages and Computational Linguistics, she developed language lessons for several companies, including GermanPod101, and authored 6 books on learning languages. She now works on

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LearnYu.com, her own computer-based language course. She blogs about being a polyglot and learning languages at www.learnlangs.com.

Report on the
Progress of Education
in the Punjab

Advanced
Applications and
Developments
Report on the

Access Free Free Learning

Administration of the
Punjab and Its
Dependencies

Advanced Tools,
Technologies, and
Applications

Learning Advanced
Spanish through
Translation

A Practical Approach
Advanced Machine
Learning Approaches

in Cancer Prognosis
Presents a

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Advanced Javascript

comprehensive
self-instruction
guide to learning
the Korean
language.

With the global
academic
community
currently focused
on student
learning
outcomes
achievement,

Access Free Free Learning

assessment, and
continuous
improvement, e-
learning
strategies provide
effective
measures than
can assist
educators and
educational
administrators in
the satisfaction of
key objectives.

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Whether it is
creating and
incorporating
simulations,
building courses
and curriculum,
engaging in
virtual team
building,
managing online
programs,
concept mapping,
developing an

Access Free Free Learning

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electronic
portfolio program,
creating active
training
environments,
determining the
instructors role,
problem solving,
evaluating online
learning, or using
e-learning to build
an effective
assessment

Access Free Free Learning

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program this book
will prove to be
an indispensable
resource. Geared
towards
administrators,
key decision
makers,
educators
experienced with
e-learning, and
instructional
technology

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students, it marries the leading literature and prevailing ideologies with best practices illustrated by notable real-world examples.

Statistical Process Monitoring Using Advanced Data-Driven and Deep

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Learning
Approaches
tackles
multivariate
challenges in
process
monitoring by
merging the
advantages of
univariate and
traditional
multivariate
techniques to

Access Free Free Learning

Advanced Javascript

enhance their performance and widen their practical applicability. The book proceeds with merging the desirable properties of shallow learning approaches – such as a one-class support

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Advanced Javascript

vector machine and k-nearest neighbours and unsupervised deep learning approaches – to develop more sophisticated and efficient monitoring techniques. Finally, the developed

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Javascript

approaches are applied to monitor many processes, such as waste-water treatment plants, detection of obstacles in driving environments for autonomous robots and vehicles, robot

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swarm, chemical processes (continuous stirred tank reactor, plug flow reactor, and distillation columns), ozone pollution, road traffic congestion, and solar photovoltaic systems. Uses a

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data-driven based
approach to fault
detection and
attribution

Provides an in-
depth

understanding of
fault detection
and attribution in
complex and
multivariate
systems

Familiarises you

Access Free Free Learning

Advanced Javascript

with the most
suitable data-
driven based
techniques
including
multivariate
statistical
techniques and
deep learning-
based methods
Includes case
studies and
comparison of

Access Free Free Learning

different methods
This innovative,
technology-based
resource provides
those who teach
gifted and
advanced
learners in grades
5–8 with quality,
research-based,
online lessons,
tools, and
insights.

Access Free Free Learning

Advanced JavaScript

Throughout, you'll find ready-to-implement virtual lessons, simulations, and learning modules. You'll also learn how to create, differentiate, and modify existing lessons through an online platform. In

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In addition, the book offers helpful strategies addressing online student accountability, etiquette, and collaboration, and shares useful tips for communicating with parents.

Whether you are

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Advanced
Javascript

Looking to enrich learning within the classroom, provide students with extensions outside the classroom, or engage students in distance learning, this book will be invaluable in meeting the

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Advanced
JavaScript
needs of your
gifted and
advanced
learners.

Advanced
Strategies for
Quicker
Comprehension,
Greater
Retention, and
Systematic
Expertise

ACCA P4 -

Access Free Free
Learning

Advanced
Javascript
Financial

Management -
Study Text 2013
The International
Conference on
Advanced
Machine Learning
Technologies and
Applications
(AMLTA2019)
Super Learning
Advanced

Access Free Free
Learning

Advanced
JavaScript
principles of
effective e-
learning

An Incredible Free
Digital Marketing
Learning
Experience
Awaits

The World Book
Encyclopedia

***The rapid growth
of the world
population has***

Access Free Free
Learning

*Advanced
Javascript*
**resulted in an
exponential
expansion of both
urban and
agricultural areas.
Identifying and
managing such
earthly changes in
an automatic way
poses a worth-
addressing
challenge, in which
remote sensing
technology can**

Access Free Free
Learning

Advanced

*have a
fundamental role
to answer—at least
partially—such
demands. The
recent advent of
cutting-edge
processing
facilities has
fostered the
adoption of deep
learning
architectures
owing to their*

Access Free Free
Learning

Advanced
Javascript

generalization capabilities. In this respect, it seems evident that the pace of deep learning in the remote sensing domain remains somewhat lagging behind that of its computer vision counterpart. This is due to the scarce availability of

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Learning

*ground truth
information in
comparison with
other computer
vision domains. In
this book, we aim
at advancing the
state of the art in
linking deep
learning
methodologies with
remote sensing
image processing
by collecting 20*

Access Free Free
Learning

*Advanced
JavaScript*
**contributions from
different worldwide
scientists and
laboratories. The
book presents a
wide range of
methodological
advancements in
the deep learning
field that come
with different
applications in the
remote sensing
landscape such as**

Access Free Free
Learning

*wildfire and
postdisaster
damage detection,
urban forest
mapping, vine
disease and
pavement marking
detection, desert
road mapping,
road and building
outline extraction,
vehicle and vessel
detection, water
identification, and*

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Learning

Advanced
Javascript
***text-to-image
matching.***

***The ever-evolving
wireless
technology
industry is
demanding new
technologies and
standards to
ensure a higher
quality of
experience for
global end-users.
This developing***

Access Free Free
Learning

*challenge has
enabled*

*researchers to
identify the
present trend of
machine learning
as a possible
solution, but will it
meet business
velocity demand?*

*Next-Generation
Wireless Networks
Meet Advanced
Machine Learning*

Access Free Free
Learning

***Applications is a
pivotal reference
source that
provides emerging
trends and insights
into various
technologies of
next-generation
wireless networks
to enable the
dynamic
optimization of
system
configuration and***

Access Free Free
Learning

Advanced
JavaScript
**applications within
the fields of**

**wireless networks,
broadband
networks, and
wireless
communication.**

**Featuring coverage
on a broad range of
topics such as
machine learning,
hybrid network
environments,
wireless**

Access Free Free
Learning

*Advanced
JavaScript*
**communications,
and the internet of
things; this
publication is
ideally designed
for industry
experts,
researchers,
students,
academicians, and
practitioners
seeking current
research on
various**

Access Free Free
Learning

*technologies of
next-generation
wireless networks.
Description based
on: v. 2,
copyrighted in
2012.*

*To reach the
highest standards
of instrumental
performance,
several years of
sustained and
focused learning*

Access Free Free
Learning

*Advanced
Javascript*
**are required. This
requires
perseverance,
commitment and
opportunities to
learn and practise,
often in a
collective musical
environment. This
book brings
together a wide
range of
enlightening
current**

Access Free Free
Learning

*psychological and
educational
research to offer
deeper insights
into the mosaic of
factors and related
experiences that
combine to nurture
(and sometimes
hinder) advanced
musical
performance. Each
of the book's four
sections focus on*

Access Free Free
Learning

*Advanced
JavaScript*
**one aspect of
music performance
and learning:
musics in higher
education and
beyond; musical
journeys and
educational
reflections;
performance
learning; and
developing
expertise and
professionalism.**

Access Free Free
Learning

Although each chapter within its home section offers a particular focus, there is an underlying conception across all the book's contents of the achievability of advanced musical performance and of the important nurturing role that

Access Free Free
Learning

*higher education
can play,
particularly if
policy and practice
are evidence-based
and draw on the
latest international
research findings.
The narrative
offers an insight
into the world of
advanced
musicians,
detailing their*

Access Free Free
Learning

*learning journeys
and the processes
involved in their
quest for the
development of
expertise and
professionalism. It
is the first book of
its kind to consider
performance
learning in higher
education across a
variety of musical
genres, including*

Access Free Free
Learning

*classical, jazz,
popular and folk
musics. The editors
have invited an
international
community of
leading scholars
and performance
practitioners to
contribute to this
publication, which
draws on
meticulous
research and*

Access Free Free
Learning

critical practice.

*This collection is
an essential
resource for all
musicians,
educators,
researchers and
policy makers who
share our interest
in promoting the
development of
advanced
performance skills
and*

Access Free Free
Learning

professionalism.

Artificial

**Intelligence and
Industrial Internet
of Things**

Paradigm

Advanced

Educational

**Psychology - 7Th
Ed**

A Parent-Friendly

Guide to Python

Programming

Handbook of

Access Free Free
Learning

**Research on
Hybrid Learning
Models: Advanced
Tools,
Technologies, and
Applications
Advanced Methods
and Deep Learning
in Computer Vision
Next-Generation
Wireless Networks
Meet Advanced
Machine Learning
Applications**

Access Free Free
Learning

Advanced
Joyasprint
***Proceedings of
AMLTA 2020***

A comprehensive
guide to advanced
deep learning
techniques,
including
Autoencoders,
GANs, VAEs, and
Deep
Reinforcement
Learning, that

Access Free Free
Learning

Advanced
JavaScript
drive today's most
impressive AI

results Key

Features Explore

the most advanced

deep learning

techniques that

drive modern AI

results Implement

Deep Neural

Networks,

Autoencoders,

Access Free Free
Learning

Advanced
JavaScript
GANs, VAEs, and
Deep

Reinforcement

Learning A wide

study of GANs,

including Improved

GANs, Cross-

Domain GANs and

Disentangled

Representation

GANs Book

Description Recent

Access Free Free Learning

Advanced
Javascript

developments in
deep learning,
including GANs,
Variational
Autoencoders, and
Deep
Reinforcement
Learning, are
creating
impressive AI
results in our news
headlines - such

Access Free Free
Learning

Advanced
JavaScript
as AlphaGo Zero
beating world
chess champions,
and generative AI
that can create art
paintings that sell
for over \$400k
because they are
so human-like.

Advanced Deep
Learning with
Keras is a

Access Free Free Learning

Advanced Javascript

comprehensive
guide to the
advanced deep
learning
techniques
available today, so
you can create
your own cutting-
edge AI. Using
Keras as an open-
source deep
learning library,

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Advanced Javascript

you'll find hands-on projects throughout that show you how to create more effective AI with the latest techniques. The journey begins with an overview of MLPs, CNNs, and RNNs, which are

Access Free Free Learning

Advanced
JavaScript

the building blocks
for the more
advanced
techniques in the
book. You'll learn
how to implement
deep learning
models with Keras
and Tensorflow,
and move forwards
to advanced
techniques, as you

Access Free Free Learning

Advanced Javascript

explore deep
neural network
architectures,
including ResNet
and DenseNet,
and how to create
Autoencoders.
You then learn all
about Generative
Adversarial
Networks (GANs),
and how they can

Access Free Free Learning

Advanced Javascript

open new levels of
AI performance.

Variational

AutoEncoders

(VAEs) are

implemented, and

you'll see how

GANs and VAEs

have the

generative power

to synthesize data

that can be

Access Free Free
Learning

Advanced
Javascript

extremely
convincing to
humans - a major
stride forward for
modern AI. To
complete this set
of advanced
techniques, you'll
learn how to
implement Deep
Reinforcement
Learning (DRL)

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Advanced Javascript
such as Deep Q-Learning and Policy Gradient Methods, which are critical to many modern results in AI. What you will learn Cutting-edge techniques in human-like AI performance Implement advanced deep

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Advanced
Javascript
learning models
using Keras
The
building blocks for
advanced
techniques -
MLPs, CNNs, and
RNNs
Deep neural
networks – ResNet
and DenseNet
Auto
encoders and
Variational
AutoEncoders

Access Free Free
Learning

Advanced
Javascript
(VAEs) Generative
Adversarial

Networks (GANs)
and creative AI tec
hniques Disentangl
ed Representation
GANs, and Cross-
Domain

GANs Deep
Reinforcement
Learning (DRL)
methods and imple

Access Free Free
Learning

Advanced
Javascrpt
mentation Produce
industry-standard
applications using
OpenAI gym Deep
Q-Learning and
Policy Gradient
Methods Who this
book is for Some
fluency with
Python is
assumed. As an
advanced book,

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Advanced Javascript

you'll be familiar with some machine learning approaches, and some practical experience with DL will be helpful. Knowledge of Keras or TensorFlow is not required but would be helpful.

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Advanced Javascript

This edited book gives a comprehensive picture of the state of the art in authoring systems and authoring tools for advanced technology instructional systems. It includes

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descriptions of
fifteen systems
and research
projects from
almost every
significant effort in
the field. The book
will appeal to
researchers,
teachers and
advanced students
working in

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Learning

Advanced
Javascript

education,
instructional
technology and
computer-based
education,
psychology,
cognitive science
and computer
science.

Beginner course,
including
coursebook, audio

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Learning

Advanced
JavaScript
CDs, and online
learning

Solve challenging
data science
problems by
mastering cutting-
edge machine
learning
techniques in
Python About This
Book Resolve
complex machine

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learning problems
and explore deep
learning Learn to
use Python code
for implementing a
range of machine
learning algorithms
and techniques A
practical tutorial
that tackles real-
world computing
problems through

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Advanced Javascript

a rigorous and effective approach
Who This Book Is For This title is for Python developers and analysts or data scientists who are looking to add to their existing skills by accessing some of the most powerful recent

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Advanced Javascript

trends in data science. If you've ever considered building your own image or text-tagging solution, or of entering a Kaggle contest for instance, this book is for you! Prior experience of Python and

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Advanced
JavaScript

grounding in some
of the core
concepts of
machine learning
would be helpful.
What You Will
Learn Compete
with top data
scientists by
gaining a practical
and theoretical
understanding of

Access Free Free Learning

Advanced
JavaScript
cutting-edge deep
learning algorithms

Apply your new
found skills to
solve real
problems, through
clearly-explained
code for every
technique and test
Automate large
sets of complex
data and

Access Free Free Learning

Advanced Javascript

overcome time-
consuming

practical

challenges

Improve the

accuracy of

models and your

existing input data

using powerful

feature

engineering

techniques Use

Access Free Free Learning

Advanced
JavaScript
multiple learning
techniques
together to
improve the
consistency of
results Understand
the hidden
structure of
datasets using a
range of
unsupervised
techniques Gain

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Advanced Javascript

insight into how
the experts solve
challenging data
problems with an
effective, iterative,
and validation-
focused approach
Improve the
effectiveness of
your deep learning
models further by
using powerful

Access Free Free Learning

Advanced Javascript

ensembling
techniques to strap
multiple models
together In Detail
Designed to take
you on a guided
tour of the most
relevant and
powerful machine
learning
techniques in use
today by top data

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Advanced Javascript

scientists, this book is just what you need to push your Python algorithms to maximum potential. Clear examples and detailed code samples demonstrate deep learning

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Advanced
Javascript
techniques, semi-supervised learning, and more - all whilst working with real-world applications that include image, music, text, and financial data. The machine learning techniques covered in this

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Advanced
JavaScript

book are at the
forefront of
commercial
practice. They are
applicable now for
the first time in
contexts such as
image recognition,
NLP and web
search,
computational
creativity, and com

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Advanced
Javascript
merchial/financial
data modeling.

Deep Learning
algorithms and
ensembles of
models are in use
by data scientists
at top tech and
digital companies,
but the skills
needed to apply
them successfully,

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Advanced Javascript

while in high demand, are still scarce. This book is designed to take the reader on a guided tour of the most relevant and powerful machine learning techniques. Clear descriptions of how techniques

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work and detailed code examples demonstrate deep learning techniques, semi-supervised learning and more, in real world applications. We will also learn about NumPy and Theano. By this

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Advanced
Javascript

end of this book,
you will learn a set
of advanced
Machine Learning
techniques and
acquire a broad
set of powerful
skills in the area of
feature selection &
feature
engineering. Style
and approach This

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Advanced
Javascript

book focuses on clarifying the theory and code behind complex algorithms to make them practical, useable, and well-understood. Each topic is described with real-world applications, providing both

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Learning

Advanced
Javascript

broad contextual
coverage and
detailed guidance.
Advanced Studies
in Biometrics
Toward Cost-
Effective Adaptive,
Interactive and
Intelligent
Educational
Software
The New

Access Free Free
Learning

Advanced Society
Javascript

The Biggest
Goldmine of Free
Digital Marketing
Courses Ever
Created

Apply deep
learning
techniques,
autoencoders,
GANs, variational
autoencoders,

Access Free Free
Learning

Advanced

deep

JavaScript
reinforcement

learning, policy

gradients, and

more

Teach Your Kids

to Code

How to Succeed in

School Without

Spending All Your

Time Studying; A

Guide for Kids and

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Learning

Advanced
Teens
Javascript

**The Association
of Chartered
Certified
Accountants
(ACCA) is the
global body for
professional
accountants.
With over 100
years of
providing world-**

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Learning

Advanced
Javascript
**class accounting
and finance
qualifications,
the ACCA has
significantly
raised its
international
profile in recent
years and now
supports a BSc
(Hons) in Applied
Accounting and**

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Learning

Advanced
Javascript

**an MBA.BPP
Learning Media
is an ACCA
Official
Publisher. The P7
Advanced Audit
and Assurance
paper aims to
develop further
your application
skills when
analysing,**

Access Free Free
Learning

Advanced
Javascript
**concluding and
reporting on
assurance**

**engagements,
building on the
knowledge and
skills gained
from paper F8.**

**As well as
emphasising the
practical aspects
of carrying out**

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Learning

Advanced
Javascript

**assurance
engagements
from start to
finish, this paper
also develops
your awareness
of best practice
and current
developments in
this field.It
focuses on the
following key**

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Learning

Advanced
Javascript

**themes: * Audit
framework and
regulation,
including ethical
and professional
considerations *
Quality control
and practice
management *
The audit and
assurance
process, from**

Access Free Free
Learning

Advanced
JavaScript
**planning through
to fieldwork and
final review ***

**Reporting the
results of audit
and assurance
engagements ***

**Current issues
and
developments
within the field of
audit and**

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Advanced
Javascript

assurance. The examiner-reviewed P7 Study Text includes everything you need for this paper, including detailed guidance on the exam and the pilot paper questions. The

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Learning

Advanced
Javascript
**question bank
includes**

**questions in the
style of the P7
paper, and each
chapter contains
useful exam
focus points and
chapter
roundups. The
Study Text
provides an**

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Learning

Advanced
Javascript
**excellent source
of the main
professional and
regulatory
aspects of audit
and assurance
engagements,
focussing on
ethics and
regulation and
practice
management,**

Access Free Free
Learning

Advanced
Javascript
**before going
through the audit
and assurance
engagement
process, and
ending with a
consideration of
current issues
and development
s.BPP Learning
Media is the
publisher of**

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Learning

Advanced
JavaScript
**choice for many
ACCA students
and tuition
providers
worldwide. Join
them and plug
into a world of
expertise in
ACCA exams.
Machine
Learning has
become a key**

Access Free Free
Learning

Advanced
Javascript

**enabling
technology for
many
engineering
applications,
investigating
scientific
questions and
theoretical
problems alike.
To stimulate
discussions and**

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Learning

Advanced
Javascript
to disseminate
new results, a
summer school
series was
started in
February 2002,
the
documentation of
which is
published as
LNAI 2600. This
book presents

Access Free Free
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Advanced
Javascript
**revised lectures
of two**

**subsequent
summer schools
held in 2003 in
Canberra,
Australia, and in
Tübingen,
Germany. The
tutorial lectures
included are
devoted to**

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Learning

Advanced
Javascript

**statistical
learning theory,
unsupervised
learning,
Bayesian
inference, and
applications in
pattern
recognition; they
provide in-depth
overviews of
exciting new**

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Learning

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Javascript

**developments
and contain a
large number of
references.
Graduate
students,
lecturers,
researchers and
professionals
alike will find this
book a useful
resource in**

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Javascript
**learning and
teaching
machine
learning.**

**The BPP Study
Text provides a
comprehensive
treatment of the
updated ACCA
syllabus for P4. It
addresses all
learning**

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Javascript

**outcomes and
the higher skills
required in an
integrated and
practical way.
The material,
despite the
technical nature
of certain areas,
follows a
practical,
common sense**

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Javascript

**approach with
plenty of case
studies and real
life business
examples. The
key points of
each topic are
summarised in a
chapter roundup
and tested in a
diagnostic quiz
at the end of**

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each chapter. A question bank at the end of the book provides practice on exam style questions. "This book offers an examination of technology-based design, development, and collaborative

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Advanced
JavaScript
tools for the clas
sroom"--Provide
d by publisher.

**Advanced
Lectures on
Machine
Learning
Information
Communication
Technologies for
Enhanced
Education and**

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Learning:
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Advanced

**Applications and
Developments**

ACCA Paper P7 -

**Advanced Audit
and Assurance**

(GBR) Study Text

Advanced Deep

Learning with

Keras

Advanced

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Javascript

**Machine
Learning with
Python
Develop and
Style Websites
Theory and
Practical
Applications**

This book provides a complete illustration of deep learning concepts with case-

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JavaScript

studies and practical examples useful for real time applications. This book introduces a broad range of topics in deep learning. The authors start with the fundamentals, architectures, tools needed for effective implementation for scientists. They then present technical

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exposure towards deep learning using Keras, Tensorflow, Pytorch and Python. They proceed with advanced concepts with hands-on sessions for deep learning. Engineers, scientists, researches looking for a practical approach to deep learning will enjoy this book. Presents

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practical basics to advanced concepts in deep learning and how to apply them through various projects; Discusses topics such as deep learning in smart grids and renewable energy & sustainable development; Explains how to implement advanced techniques in deep

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Advanced
Javascript
learning using
Pytorch, Keras,
Python programming.
Updated and revised
second edition of the
bestselling guide to
advanced deep
learning with
TensorFlow 2 and
Keras Key
Features Explore the
most advanced deep
learning techniques
that drive modern AI

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resultsNew coverage
of unsupervised deep
learning using mutual
information, object
detection, and

semantic segmentatio
nCompletely updated
for TensorFlow

2.xBook Description

Advanced Deep

Learning with

TensorFlow 2 and

Keras, Second Edition

is a completely

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updated edition of the bestselling guide to the advanced deep learning techniques available today.

Revised for TensorFlow 2.x, this edition introduces you to the practical side of deep learning with new chapters on unsupervised learning using mutual information, object

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detection (SSD), and semantic segmentation (FCN and PSPNet), further allowing you to create your own cutting-edge AI projects. Using Keras as an open-source deep learning library, the book features hands-on projects that show you how to create more effective AI with

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the most up-to-date techniques. Starting with an overview of multi-layer perceptrons (MLPs), convolutional neural networks (CNNs), and recurrent neural networks (RNNs), the book then introduces more cutting-edge techniques as you explore deep neural network architectures,

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including ResNet and DenseNet, and how to create autoencoders.

You will then learn about GANs, and how they can unlock new levels of AI

performance. Next, you'll discover how a variational autoencoder (VAE) is implemented, and how GANs and VAEs have the generative

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power to synthesize
data that can be
extremely convincing
to humans. You'll also
learn to implement
DRL such as Deep Q-
Learning and Policy
Gradient Methods,
which are critical to
many modern results
in AI. What you will
learn Use mutual
information
maximization

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Advanced
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techniques to perform
unsupervised

learning Use

segmentation to

identify the pixel-wise
class of each object in

an image Identify both

the bounding box and

class of objects in an

image using object

detection Learn the

building blocks for

advanced techniques

- MLPs, CNN, and

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RNNs Understand
deep neural networks
- including ResNet
and

DenseNet Understand
and build
autoregressive
models –

autoencoders, VAEs,
and GANs Discover
and implement deep
reinforcement

learning methods Who
this book is for This is

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not an introductory book, so fluency with Python is required. The reader should also be familiar with some machine learning approaches, and practical experience with DL will also be helpful. Knowledge of Keras or TensorFlow 2.0 is not required but is recommended.

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Advanced JavaScript THE NEW ADVANCED

SOCIETY Included in this book are the fundamentals of Society 5.0, artificial intelligence, and the industrial Internet of Things, featuring their working principles and application in different sectors. A 360-degree view of the different dimensions of the

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digital revolution is presented in this book, including the various industries transforming industrial manufacturing, the security and challenges ahead, and the far-reaching implications for society and the economy. The main objective of this edited book is to cover the

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impact that the new advanced society has on several platforms such as smart manufacturing systems, where artificial intelligence can be integrated with existing systems to make them smart, new business models and strategies, where anything and everything is possible

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through the internet and cloud, smart food chain systems, where food products can be delivered to any corner of the world at any time and in any situation, smart transport systems in which robots and self-driven cars are taking the lead, advances in security systems to assure people of their

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privacy and safety, and smart healthcare systems, where biochips can be incorporated into the human body to predict deadly diseases at early stages. Finally, it can be understood that the social reformation of Society 5.0 will lead to a society where every person leads an

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active and healthy life.

Audience The

targeted audience for
this book includes
research scholars and
industry engineers in
artificial intelligence
and information
technology,
engineering students,
cybersecurity experts,
government research
agencies and
policymakers,

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business leaders, and
entrepreneurs.

Sandeep Kumar
Panda, PhD is an
associate professor in
the Department of
Data Science and
Artificial Intelligence
at IcfaiTech (Faculty
of Science and
Technology), ICFAI
Foundation for Higher
Education,
Hyderabad. His

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research areas
include artificial
intelligence, IoT,
blockchain
technology, cloud
computing,
cryptography,
computational
intelligence, and
software engineering.

Ramesh Kumar
Mohapatra, PhD is an
assistant professor in
the Department of

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Computer Science
and Engineering,
National Institute of
Technology,
Rourkela, Odisha,
India. His research
interests include
optical character
recognition, document
image analysis, video
processing, secure
computing, and
machine learning.

Subhrakanta Panda,

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PhD is an assistant professor in the Department of Computer Science and Information Systems, BITS-PILANI, Hyderabad Campus, Jawahar Nagar, Hyderabad, India. His research interests include social network analysis, cloud computing, security

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testing, and
blockchain. S.

Balamurugan, PhD is
the Director of
Research and
Development,
Intelligent Research
Consultancy Services
(iRCS), Coimbatore,
Tamilnadu, India. He
is also Director of the
Albert Einstein
Engineering and
Research Labs

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(AEER Labs), as well as Vice-Chairman, Renewable Energy Society of India (RESI), India. He has published 45 books, 200+ international journals/ conferences, and 35 patents.

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school students.

Handbook of

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Engineering

Education and

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Bioengineering

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Tools, Trends, and

Methodologies

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Learning

Advanced
and CSS

Apply DL, GANs,

VAEs, deep RL,

unsupervised

learning, object

detection and

segmentation, and

more, 2nd Edition

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(AI) futuristic
technologies on
YouTube: <https://www.youtube.com/channel/UCXP3bY7BbMt1pXK0tPp8G4Q>
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is Srinidhi
Ranganathan. I am
the CEO of

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Advanced Javascript

Learning, folks..

HTML and CSS can be a little daunting at first but fear not. This book, based on Shay Howe's popular workshop covers the basics and breaks down the barrier to entry, showing readers how they can start using HTML and

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CSS through practical techniques today. They'll find accompanying code examples online, while they explore topics such as the different structures of HTML and CSS, and common terms. After establishing a basic understanding of HTML and CSS a

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deeper dive is taken into the box model and how to work with floats. The book includes an exercise focused on cleaning up a web page by improving the user interface and design, solely using HTML and CSS. With a few quick changes the

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web page changes shape and comes to life. Interactive, technically up-to-the-minute and easy-to-understand, this book will advance a student's skills to a professional level.

A surprisingly simple way for students to master any subject--based

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on one of the
world's most popular
online courses and
the bestselling book
A Mind for Numbers
A Mind for Numbers
and its wildly
popular online
companion course
"Learning How to
Learn" have
empowered more
than two million

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learners of all ages from around the world to master subjects that they once struggled with. Fans often wish they'd discovered these learning strategies earlier and ask how they can help their kids master these skills as well. Now in this

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new book for kids and teens, the authors reveal how to make the most of time spent studying. We all have the tools to learn what might not seem to come naturally to us at first--the secret is to understand how the brain works so we can unlock its

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power. This book explains:

- Why sometimes letting your mind wander is an important part of the learning process
- How to avoid "rut think" in order to think outside the box
- Why having a poor memory can be a good thing

The value of

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metaphors in
developing
understanding • A
simple, yet powerful,
way to stop
procrastinating
Filled with
illustrations,
application
questions, and
exercises, this book
makes learning
easy and fun.

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Mundos en palabras offers advanced students of Spanish a challenging yet practical course in translation from English into Spanish. The course provides students with a well-structured, step-by-step guide to Spanish translation

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which will enhance and refine their language skills while introducing them to some of the key concepts and debates in translation theory and practice. Each chapter presents a rich variety of practical tasks, supported by

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concise, focused discussion of key points relating to a particular translation issue or text type.

Shorter targeted activities are combined with lengthier translation practice.

Throughout the book, learners will find a wealth of

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material from a range of genres and text types, including literary, expository, persuasive and audiovisual texts.

An answer key to activities, as well as supplementary material and

Teachers' Notes are provided in the companion website.

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The book covers common areas of difficulty including: frequent grammatical errors calques and loan words denotation and connotation idioms linguistic varieties cultural references style and register Suitable both for classroom

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Advanced use and self-study, *Mundos en palabras* is ideal for advanced undergraduate students of Spanish, and for any advanced learners wishing to acquire translation competence while enhancing their linguistic skills.

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English

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Proceedings of the
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(AINA-2022),

Volume 1

The Complete Plan
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Advanced

Statistical Process
Monitoring Using
Advanced Data-
Driven and Deep
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Approaches

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Biometrics, Alghero,
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Fluent Chinese

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**Conference on
Advanced
Machine
Learning
Technologies
and
Applications
(AMLTA 2019),
held in Cairo,
Egypt, on
March 28–30,
2019, and**

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Advanced
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**organized by
the Scientific
Research Group
in Egypt
(SRGE). The
papers cover
the latest
research on
machine
learning, deep
learning,
biomedical**

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**engineering,
control and
chaotic
systems, text
mining,
summarization
and language i
dentification,
machine
learning in
image
processing,**

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energy, cyber
security, and
intelligence
swarms and
optimization.
This book
presents the
refereed
proceedings of
the third
International***

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**Conference on
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AMLTA 2018,
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Egypt, on
February
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Javascrpt
**and organized
by the**

**Scientific
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**(SRGE). The
papers cover
current**

**research in
machine**

**learning, big
data, Internet**

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***of Things,
biomedical
engineering,
fuzzy logic,
security, and
intelligence
swarms and
optimization.
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This Book Has
Earned A Name
For Itself***

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Completeness
Of Coverage
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All The Topics
Have Been
Dealt With In
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Teach Your
Kids to Code
is a parent's
and teacher's
guide to
teaching kids
basic
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solving using
Python, the
powerful
language used
in college
courses and by
tech companies
like Google
and IBM. Step-
by-step
explanations***

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**will have kids
learning
computational
thinking right
away, while
visual and
game-oriented
examples hold
their
attention.
Friendly
introductions**

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***to fundamental
programming
concepts such
as variables,
loops, and
functions will
help even the
youngest
programmers
build the
skills they
need to make***

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***their own cool
games and
applications.***

***Whether you've
been coding
for years or
have never
programmed
anything at
all, Teach
Your Kids to
Code will help***

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***you show your
young***

***programmer how
to: –Explore
geometry by
drawing
colorful
shapes with
Turtle
graphics
–Write
programs to***

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**encode and
decode**

**messages, play
Rock-Paper-
Scissors, and
calculate how
tall someone
is in Ping-
Pong balls
-Create fun,
playable games
like War,**

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Pong –Add
interactivity,
animation, and
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apps Teach
Your Kids to
Code is the
perfect
companion to
any
introductory***

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class or after-
school meet-
up, or simply
your
educational
efforts at
home. Spend
some fun,
productive
afternoons at
the computer***

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***with your
kids—you can
all learn
something!
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***Research in
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Professional
Development:
Tools, Trends,
and
Methodologies
Living
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(AMLT2018)
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This book***

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*introduces a
variety of
advanced
machine
learning
approaches
covering the
areas of neural
networks, fuzzy
logic, and
hybrid
intelligent
systems for the*

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*determination
and diagnosis
of cancer.*

*Moreover, the
tactical
solutions of
machine
learning have
proved its vast
range of
significance
and, provided
novel solutions*

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*in the medical
field for the
diagnosis of
disease. This
book also
explores the
distinct deep
learning
approaches that
are capable of
yielding more
accurate
outcomes for*

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*the diagnosis
of cancer. In
addition to
providing an
overview of the
emerging
machine and
deep learning
approaches, it
also enlightens
an insight on
how to evaluate
the efficiency*

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and

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**appropriateness
of such
techniques and
analysis of
cancer data
used in the
cancer
diagnosis.**

**Therefore, this
book focuses on
the recent
advancements in**

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*the machine
learning and
deep learning
approaches used
in the
diagnosis of
different types
of cancer along
with their
research
challenges and
future
directions for*

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*the targeted
audience
including
scientists,
experts, Ph.D.
students,
postdocs, and
anyone
interested in
the subjects
discussed.*

*"This book
focuses on*

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*Hybrid Learning
as a way to
compensate for
the
shortcomings of
traditional
face-to-face
teaching,
distance
learning, and t
echnology-
mediated learni
ng"--Provided*

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advances in

technologies,

individuals,

and the

workplace have

increased the

importance of

adult learning

and

professional

development for

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*keeping up with
the current
pace of
technologies
and
information.*

*Advanced
Research in
Adult Learning
and
Professional
Development:
Tools, Trends,*

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and
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*Methodologies
explores the
understanding,
practice, and
research within
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education and
professional
development. By
providing a
comprehensive
view on*

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for adult
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book is
essential for
lecturers,
practitioners,
as well as
academics
interested in a
variety of
research in

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continuing
education.

*This book
presents the
refereed
proceedings of
the 5th
International
Conference on
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JavaScript
Applications

*(AMLTA 2020),
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University
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- 15, 2019, and
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with the
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current
research in
machine

learning, big
data, Internet
of Things,
biomedical
engineering,
fuzzy logic and
security, as

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well as
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swarms and
optimization.

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and

Applications

Mundos en

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Applications

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Medicine*