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maintainable, and efficient.
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that run without errors--and
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their ability (and their
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naming conventions, if any,
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write my packages so they
can be more easily
maintained? What is the***

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for results by a manager standing
outside your cubicle while your phone
rings with queries from the help desk.
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consolidation as well, leading to savings on all fronts from the amount of power used for servers to the amount of floor space consumed to the number of administrators needed to manage an installation. Yet the

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***is more important than the data
itself. Like it or not, the fearsome
responsibility of protecting your
organization's most critical data
falls squarely upon your
shoulders: Lose that data and
your company could fail. Lose***

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that data and you could be out of a job. Oracle's flagship database product fortunately implements a wide-ranging feature set to aid you in the all-important task of safeguarding against data loss. Recovery Manager, or RMAN, is

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**at the heart of that feature set,
and is the tool most-often used
to initiate database backup and
recovery operations. In this
book, well-known authors and
database experts Darl Kuhn, Sam
Alapati, and Arup Nanda have**

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*created a set of examples
encompassing the gamut of
backup and recovery tasks that
you might need to perform.
Sometimes, especially when the
heat is on, a good example is
what you need to get started*

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*towards a solution. RMAN
Recipes for Oracle Database 12c
delivers. It'll be the book you
reach for when that dreaded call
comes in at 3:00am some dreary
morning. It'll be the book that
lets you sleep at night knowing*

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***that no matter what transpires,
that you've done your job well***

and can recover from any

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*can help you backup and recover
your data with confidence. What
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backup files via the Fast*

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database Work with SQL*Plus and
SQL Developer Write PL/SQL
programs Create tables, sequences,
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advanced queries containing
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database objects to handle abstract

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data Use date, time stamp, and time
interval data types Establish user
roles and privileges Handle
multimedia files using large objects
Tune SQL statements to make them
execute faster Generate, process, and
store XML data Master the very

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the different options of cloud computing are for an enterprise, and how the same can be adopted to their own enterprise. This book is exhaustive and covers almost all the top cloud computing technologies and to the lowest level of details,

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which will help even a junior-level IT professional to design and deploy cloud solutions based on the individual requirements. This book offers high level of details, which will help IT administrators to manage and maintain the corporate and

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SME IT infrastructure. This book can also be a part of an engineering curriculum, especially where information technology and computer science courses are offered.

Putting together the right team to

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tackle the Oracle E-Business Suite R12.2.8 upgrade, and understanding the issues that the team needs to consider to be successful, can be quite a challenge. "the little r12.2.8 upgrade essentials for managers and team members" describes the big

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picture of what you need to consider before tackling the Release 12.2.8 upgrade. Based on TruTek's popular R11i to R12 Technical Upgrade training classes, this book describes what managers, functional, and technical team members need to

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know to prepare to upgrade from
Release 11i to Release 12.2.8 of
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extensions to the language have progressed far over the decades in terms of how much you can work with your data in a single, albeit sometimes complex, SQL statement. If you already know the basics of SQL, this book provides many examples of how to write even more advanced SQL to

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row processing engine The process of starting from simpler statements in SQL, and gradually working those statements stepwise into more complex statements that deliver powerful results, is covered in each example. By trying out the recipes and examples for yourself, you will put

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process more data in fewer
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with analytic functionsSearch for
patterns across multiple rows using
row pattern matchingBreak complex

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calculations into smaller steps with
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For Oracle Database developers who

already know some SQL, but rarely

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database management system in
use today, and PL/SQL plays a*

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*pivotal role in current and
projected Oracle products and
applications. PL/SQL is a
programming language providing
procedural extensions to the SQL
relational database language and
to an ever-growing number of*

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*oracle development tools.
originally a rather limited tool,
PL/SQL became with Oracle7 a
mature and effective language for
developers. now, with the
introduction of Oracle8, PL/SQL
has taken the next step towards*

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*becoming a fully realized
programming language providing
sophisticated object-oriented*

capabilities. Steven

Feuerstein's Oracle PL/SQL

*Programming is a comprehensive
guide to building applications with*

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PL/SQL. That book has become the bible for PL/SQL developers who have raved about its completeness, readability, and practicality. Built-in packages are collections of PL/SQL objects built by Oracle Corporation and stored

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*directly in the Oracle database.
The functionality of these
packages is available from any
programming environment that
can call PL/SQL stored
procedures, including Visual
Basic, Oracle Developer/2000,*

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Oracle Application Server (for
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web-based development), and, of
course, the Oracle database itself.
Built-in packages extend the
capabilities and power of PL/SQL
in many significant ways. for
example: DBMS_SQL executes

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*dynamically constructed SQL
statements and PL/SQL blocks of
code. DBMS_PIPE communicates
between different Oracle sessions
through a pipe in the RDBMS
shared memory. DBMS_JOB
submits and manages regularly*

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*scheduled jobs for execution
inside the database. DBMS_LOB
accesses and manipulates
Oracle8's large objects (LOBs)
from within PL/SQL programs.
The first edition of Oracle PL/SQL
Programming contained a chapter*

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*on Oracle's built-in packages. but
there is much more to say about
the basic PL/SQL packages than
Feuerstein could fit in his first
book. In addition, now that
Oracle8 has been released, there
are many new Oracle8 built-in*

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*packages not described in the
PL/SQL book. There are also
packages extensions for specific
oracle environments such as
distributed database. hence this
book.Oracle Built-in Packages
pulls together information about*

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*how to use the calling interface
(API) to Oracle's Built-in
Packages, and provides extensive
examples on using the built-in
packages effectively. The windows
diskette included with the book
contains the companion guide, an*

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*online tool developed by
RevealNet, Inc., that provides
point-and-click access to the many
files of source code and online
documentation developed by the
authors. The table of contents
follows: Preface Part I: Overview 1.*

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Administration Tuning
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*features, learn the supporting
features that Oracle provides to
help use the language effectively,
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help you master powerful aspects
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reporting and business
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minimize parsing overhead, read
execution plans, test for correct*

*results, and exert control over
SQL execution in your database.*

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indexes, how to verify that they*

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*make a difference, how to use
SQL Profiles to optimize SQL in
packaged applications, and much
more. You'll also understand how
SQL is optimized for working in
sets, and that the key to getting
accurate results lies in making*

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*sure that queries ask clear and
precise questions. What's the
bottom-line? Pro Oracle SQL helps
you work at a truly professional
level in Oracle dialect of SQL.*

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tools to work effectively with the*

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*language, and the right way to
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service in your chosen profession.
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language with a focus on what you
need to know to write successful
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guided in troubleshooting and
avoiding trouble in your
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operation hinges upon a fast-
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*and this book dedicates a chapter
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match application workload

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