

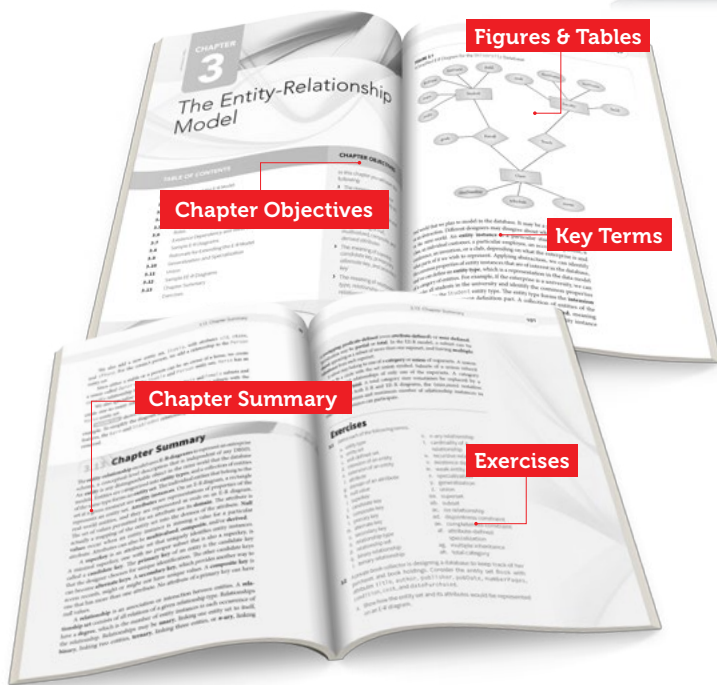
Why You Should Adopt

Databases Illuminated

THIRD EDITION

Includes Navigate 2 Advantage Access

- ✔ **Option 1:** Paperback with Navigate 2 Advantage Access
ISBN: 978-1-284-05694-5 • 718 pages • © 2017
- ✔ **Option 2:** Navigate 2 Advantage Access Only
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50% off the list price of the printed textbook



The Student Experience

Databases Illuminated, Third Edition combines database theory with a practical approach to database design and implementation. Strong pedagogical features, including accessible language, real-world examples, downloadable code, and engaging hands-on projects and lab exercises create a text with a unique combination of theory and student-oriented activities

Teaching & Learning Database Design Just Got Easier With Navigate 2 Advantage Access

- ★ **Learn:** A Complete eBook with Interactive Tools and Exercises
- ★ **Practice:** A Virtual Study Center with Robust Practice Activities & Flashcards
- ★ **Assess:** A Homework and Testing Assessment Center with Pre-Populated Quizzes and Examinations (Available to adopting instructors with Course ID)
- ★ **Analyze:** A Dashboard that Reports Actionable Data (Available to adopting instructors with Course ID)

Course Materials

Learning Tools

- Interactive eBook
- Lab Exercises
- Projects (Sample & Student Projects)
- MySQL Resources
- SQL Server Resources
- Learning Objectives
- Lecture Outlines
- Flashcards
- Practice Activities
- Lecture Slides
- Source Code

Teaching Tools (available with Course ID)

- Chapter Outlines
- Lab Exercises and Projects
- Lecture Slides in PowerPoint Format
- Test Bank
- Pre-populated Quizzes and Exams with Automatic Grading
- Hassle-Free Gradebook
- Course Management Tools

eBook Resources

Chapter	Title	Knowledge Check Questions (ungraded)	eBook Quiz Questions (graded)
1	Introductory Database Concepts	12	10
2	Database Planning Database Architecture	14	10
3	The Entity-Relationship Model	24	10
4	The Relational Model (Includes Additional Relational Algebra Operations- Outerjoin Examples and Division)	16	10
5	Relational Database Management Systems and SQL	20	10
6	Normalization and Denormalization (Includes Formal Design and Higher Normal Forms)	15	10
7	Object-Based Models	20	10
8	Introduction to Database Security	21	10
9	Transaction Management	18	10
10	Distributed Databases	14	10
11	Data Warehouses and Data Mining	26	10
12	Big Data and NoSQL	10	10
13	Relational Query Optimization	10	10
14	Databases and the Internet	16	10
15	Social and Ethical Issues	8	10
	Appendix A: Physical Data Organization		
	Appendix B: The Network Model		
	Appendix C: The Hierarchical Model		
	Total	244	150

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