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Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Authoring Geodatabases; Bestaurants, the best restaurants in Belize; Designing the geodatabase schema; Creating the geodatabase; The spatial reference; Creating the feature classes; Editing the geodatabase in ArcMap; Summary; Chapter 2: Working with Geodatabase Datasets; Working with feature classes; Adding new attributes; Modifying the properties of the attributes; Domains; Subtypes; Working with object tables and relations; Working with annotations Importing other datasetsImporting shape files; Importing the CAD files; Importing coverage classes; Summary; Chapter 3: Modeling Geodatabases; The entity relationship diagram for Bestaurants; The flaws in the current geodatabase; The proposed geodatabase model; Implementing the proposed model; Authoring the geodatabase; Creating geodatabase datasets; Assigning domains to the feature class; Adding subtypes to the new feature class; Enabling attachments in the feature class; Testing the new geodatabase in ArcMap; Summary; Chapter 4: Optimizing Geodatabases; Geodatabase indexing Attribute indexingAdding an attribute index; Spatial indexing; Adding a spatial index; Using indexes effectively; Geodatabase compression; Compressing a file geodatabase; Using compression effectively; Compacting; Compacting a file geodatabase; Using compacting

effectively; Summary; Chapter 5: Programming Geodatabases; Using Python scripting; Creating a geodatabase; Creating a feature class; Adding and deleting fields; Copying features; Backing up the Restaurants\_Web geodatabase; A list of arcpy commands; Using the model builder; Creating a model; Creating a feature class; Running the model

SummaryChapter 6: Enterprise Geodatabases; The benefits of the enterprise geodatabase; Setting up a Microsoft SQL Server Express geodatabase; System requirements; Installing SQL Server Express; Configuring SQL Server Express; Enabling TCP remote pipe; Enabling the firewall's database port; Connecting to the database; Connecting to the database from a remote machine; Creating an enterprise geodatabase; Working with an enterprise geodatabase; Adding users; Creating a connection to the enterprise geodatabase; Migrating a file geodatabase to an enterprise geodatabase; Assigning privileges  
SummaryIndex

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### Sommario/riassunto

This is a solution-based book, showcasing the real power of ArcGIS Geodatabase by following a real-world, example-based approach. This book is aimed at geospatial developers who want to work with ArcGIS Geodatabase as well as manage them. Having knowledge of building a Geodatabase from scratch isn't a must; Learning ArcGIS Geodatabases is ideal for those who want to use ArcGIS Geodatabase for the first time, or for those who want to migrate from their existing legacy database to a Geodatabase.

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