

1. Record Nr.	UNINA9910818416403321
Autore	Rad Reza
Titolo	Microsoft SQL Server 2014 business intelligence development beginner's guide : get to grips with Microsoft Business Intelligence and data warehousing technologies using this practical guide / / Reza Rad ; cover image by Artie Ng
Pubbl/distr/stampa	Birmingham, England : , : Packt Publishing Ltd, , 2014 ©2014
ISBN	1-84968-889-3
Edizione	[First edition]
Descrizione fisica	1 online resource (350 pages)
Collana	Learn by doing: less theory, more results.
Disciplina	005.74
Soggetti	Databases - Development Database management - Computer programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index. "Learn by doing: less theory, more results."--Cover.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Data Warehouse Design; Understanding Business Intelligence; The architecture and components of a BI system; The data warehouse; Extract Transform Load; Data model - BISM; Data visualization; Master Data Management; Data Quality Services; Building the data warehouse; Dimensional modeling; Fact or measure; Dimension; The Fact table; Grain; The star schema; An example of Internet sales; FactSales; The customer dimension; DimDate; DimProduct; DimStore; Types of facts The Factless Fact table - The Bridge tableTypes of dimensions; Slowly Changing Dimension; SCD type 0; SCD type 1; SCD type 2; Summary; Chapter 2: SQL Server Analysis Services Multidimensional Cube Development; Why is OLAP required?; Understanding the SQL Server Analysis Services engine; Developing your first cube; Time for action - creating an Analysis Services project; Time for action - creating the first cube; Time for action - viewing the cube in the browser; Dimensions and measures; Time for action - using the Dimension Designer; Time for action - change the order of the Month attribute

Time for action - modifying the measure propertiesData Source View; Time for action - creating a Named Calculation; Time for action - using a Named Query; Using dimensions; Time for action - adding a Fact relationship; Hierarchies; Time for action - creating a hierarchy; Multidimensional eXpression, calculated members, and Named Sets; Time for action - writing an MDX query; Time for action - calculated members; Deploying and processing; Time for action - deploying an SSAS project; Time for action - processing the data; Summary Chapter 3: Tabular Model Development of SQL Server Analysis ServicesIntroducing SSAS Tabular; Developing a tabular project; Time for action - creating a tabular project; Time for action - creating measures; Creating hierarchies; Time for action - creating a hierarchy from a single table; Time for action - creating a hierarchy from multiple tables; Data Analysis eXpression, calculated columns, and measures; Time for action - using time intelligence functions in DAX; Securing the data; Time for action - security in tabular; Storage modes Time for action - creating a model with the DirectQuery storage modeTabular versus Multidimensional SSAS; Summary; Chapter 4: ETL with Integration Services; Understanding ETL and data consolidation; Staging; SQL Server Integration Services; Integration Service projects and packages; Time for action - creating your first SSIS project; The Control Flow tab; Time for action - working with Control Flow tasks; The Data Flow tab; Time for action - loading customer information from a flat file into a database table with a Data Flow Task; Containers and dynamic packages Time for action - looping through CSV files in a directory and loading them into a database table

Sommario/riassunto

Written in an easy-to-follow, example-driven format, there are plenty of step-by-step instructions to help get you started! The book has a friendly approach, with the opportunity to learn by experimenting. If you are a BI and Data Warehouse developer new to Microsoft Business Intelligence, and looking to get a good understanding of the different components of Microsoft SQL Server for Business Intelligence, this book is for you. It's assumed that you will have some experience in databases systems and T-SQL. This book is will give you a good upshot view of each component and scenarios featuring th
