

Prepare the Data

Learning Objectives

Identify and connect to various data sources, modify data source settings, and select appropriate datasets. Develop proficiency in cleaning data by evaluating data statistics, resolving inconsistencies, and addressing data quality issues. Acquire skills in transforming and loading data, including selecting appropriate column data types, transforming columns and queries, designing star schemas, and configuring data loading.

Topics

- Get Data from Data Sources
- Clean the Data
- Transform And Load The Data

Model the Data

Learning Objectives

Become adept at designing and implementing data models by configuring table and column properties and implementing dimensions. Create model calculations using DAX, including creating aggregation measures and utilizing various functions. Understand how to optimize model performance by identifying and removing unnecessary data, selecting optimal data types, and summarizing data for improved performance.

Topics

- Design and Implement a Data Model
- Create Model Calculations by Using DAX
- Optimize Model Performance

Visualize and Analyze the Data

Learning Objectives

Create reports with appropriate visualizations and configure these visualizations for presentation and analysis. Enhance reports for usability and storytelling, including configuring bookmarks, custom tooltips, and interactive visuals. Identify patterns and trends using various features and tools such as AI visuals, reference lines, and forecasting.

Topics

- Create Reports
- Enhance Reports for Usability and Storytelling
- Identify Patterns and Trends

Deploy and Maintain Assets

Learning Objectives

Create and manage workspaces and assets, including configuring workspaces, assigning roles, and managing content. Understand how to publish, import, and update assets, create dashboards, and choose appropriate distribution methods. Gain skills in managing datasets, including understanding when a gateway is required, configuring dataset scheduled refreshes, and providing access to datasets.

Topics

- Create and Manage Workspace and Assets
- Manage Datasets

Mastering Power BI

Learning Objectives

Learn the tricks of the trade from renowned Data Scientists and Power BI experts through our curated content designed to make you a Power BI expert and understand the best practices to be followed. In this concluding module you will also access a guide that will help you through the Microsoft Power BI Data Analyst Certification.

Topics

- Self-Paced Super Course by Nikolai Schuler

- [Microsoft Power BI Quick Start Guide](#)
- [Microsoft Power BI Data Analyst Certification Guide by Orrin Edenfield](#)
- [Power BI Tips and Tricks by Daniel Weikert](#)