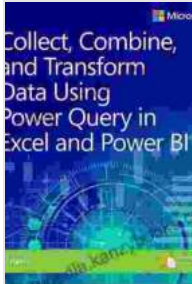


Collect, Combine, and Transform Data Using Power Query in Excel and Power BI: An Extensive Guide



Collect, Combine, and Transform Data Using Power Query in Excel and Power BI (Business Skills)

★★★★☆ 4.6 out of 5

Language : English
File size : 21800 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 431 pages



In today's data-driven world, it's essential to have the skills to collect, combine, and transform data efficiently. Power Query is a powerful tool in Excel and Power BI that enables you to do just that, unlocking the potential of data analytics and empowering you to make informed decisions.

This comprehensive guide will equip you with the knowledge and skills to master Power Query and harness its capabilities to shape, clean, and enrich your data. Whether you're a beginner or an experienced user, this guide will provide valuable insights and practical examples to help you unlock the full potential of Power Query.

Chapter 1: to Power Query

This chapter provides an overview of Power Query, its key features, and benefits. You'll learn about the different data sources that Power Query can connect to, including files, folders, databases, and web pages.

Key Topics

- What is Power Query?
- Benefits of using Power Query
- Connecting to different data sources
- Navigating the Power Query Editor

Chapter 2: Data Shaping and Transformation

In this chapter, you'll learn the fundamental techniques of data shaping and transformation using Power Query. You'll discover how to add, remove, and reFree Download columns, split and merge data, and perform data type conversions.

Key Topics

- Adding, removing, and reFree Downloading columns
- Splitting and merging data
- Converting data types
- Filtering and sorting data

Chapter 3: Data Cleaning and Enrichment

Data cleaning and enrichment are crucial steps in data preparation. This chapter covers various techniques for removing errors, inconsistencies,

and duplicates from your data. You'll also learn how to enrich your data by adding additional information from external sources.

Key Topics

- Removing errors and inconsistencies
- Detecting and removing duplicates
- Enriching data with external information
- Customizing and extending Power Query

Chapter 4: Applying Power Query in Excel and Power BI

This chapter focuses on applying your Power Query skills in Excel and Power BI. You'll learn how to import Power Query data into Excel worksheets and Power BI reports. You'll also explore advanced techniques for building data models and creating interactive visualizations.

Key Topics

- Importing Power Query data into Excel worksheets
- Using Power Query in Power BI
- Building data models with Power Query
- Creating interactive visualizations with Power BI

By mastering the techniques and concepts covered in this guide, you'll become proficient in using Power Query to collect, combine, and transform data effectively. You'll gain the ability to unlock the potential of your data for analysis and decision-making, ultimately driving better outcomes and achieving data-driven success.

Sample Data and Output

To illustrate the concepts covered in this guide, let's consider the following sample data:

Name	Age	City
John Smith	35	New York
Jane Doe	40	Los Angeles
Michael Jones	28	London

Using Power Query, we can transform this data in various ways. For example, we could add a new column for "Country" by splitting the "City" column. We could also remove any duplicate rows and filter the data to focus on individuals over the age of 30.

Name	Age	City	Country
John Smith	35	New York	United States
Jane Doe	40	Los Angeles	United States

Additional Resources

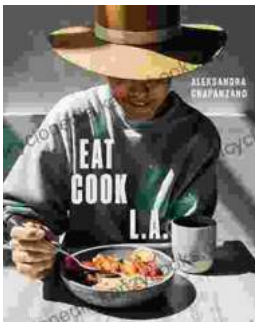
- [Microsoft Power Query Documentation](#)
- [Power Query Training Courses](#)
- [Power BI Community Forum](#)



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