INTERACTIVE COURSE

Data Preparation in Power BI

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Data Preparation in Power BI

COURSE COMPLETE

3 hours

9 Videos

26 Exercises

15,094 Participants

2,050 XP

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Course Description

In this interactive Power BI course, you'll learn how to use Power Query Editor to transform and shape your data to be ready for analysis. You'll also get to grips with various text and numerical transformations, including multiplication, rounding, and split and merge text columns, to help you become even more efficient in data preparation.

1 Profiling your Data and Introduction to Power Query   FREE

100% ▬▬▬▬▬▬▬

Data preparation is key to becoming a successful data analyst. You'll learn how to do essential data preparation steps such as filtering and renaming columns and how to use data preview in Power BI to identify common errors that appear in datasets.

▷ Introduction to Power Query	50 xp
☰ What is clean data?	50 xp
▷ Introduction to Power Query demo	50 xp
☰ Load data and promote headers	94 xp
☰ Rename and reorder columns	88 xp
☰ Changing data types	92 xp

HIDE CHAPTER DETAILS

Completed

● Data Preview features in Power Query

100% ▬▬▬▬▬▬▬

In this chapter, you will learn about the key data preview features available through Power Query and how they can help you summarize the characteristics of your dataset. You'll also understand how investigating your dataset in Power Query can assist in determining the data transformation steps you need to take.

| ▷ Data preview features in Power Query | 50 xp |

`</>` **Data preview differences**		**100 xp**
▷ **Data preview features**		**50 xp**
☰ **Column distribution and duplicates**		**94 xp**
☰ **Column quality and missing values**		**88 xp**
☰ **Column profile**		**95 xp**
☰ **Profiling to find anomalies**		**95 xp**

HIDE CHAPTER DETAILS

Completed

● Data Manipulation

100% ▬▬▬▬▬▬

The preparation and transformation of text data can also be carried out through Power Query. Through interactive exercises, you'll learn about some of the most common text transformations, such as how to split and merge text columns, trim unwanted characters from any text data, and prefixes to any text data in your dataset.

▷ **Transforming text in Power Query**		**50 xp**
☰ **Universally-applicable transformations**		**50 xp**
▷ **Text transformation**		**50 xp**
☰ **Trim & clean**		**100 xp**
☰ **Merge & extract length**		**95 xp**
☰ **Split & add prefix**		**85 xp**

HIDE CHAPTER DETAILS

Completed

● Numerical transformations in Power Query

100% ▬▬▬▬▬▬▬▬

This chapter covers the most common numerical transformations you'll use in Power Query. You'll learn how to perform some more advanced Power Query transformations. This includes applying logarithmic and square root transformations on numerical columns, rounding numerical data, and extracting month and week names from date columns.

▶ **Numerical transformations in Power Query**	**50 xp**
</> **Numerical vs. Date transformations**	**100 xp**
▶ **Numerical transformations**	**50 xp**
☰ **Absolute value and rounding**	**94 xp**
☰ **Multiplication, addition, and square root**	**94 xp**
☰ **Date transformations**	**94 xp**
▶ **Congratulations!**	**50 xp**

HIDE CHAPTER DETAILS

Completed

This course is part of these tracks:

Data Analyst in Power BI

Power BI Fundamentals

DATASET

Exercises and Datasets

Khaled Choucri
Strategic Analyst

Khaled is a Power BI certified Strategic Analyst at Trilogy. He has a strong focus on data engineering and financial analytics. Khaled is passionate about studying human behavior and financial decision-making, particularly using machine learning and AI. He has a great desire to develop solutions for the technology-enabled future.

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Maarten Van den Broeck
Senior Content Developer at DataCamp

Maarten is an aquatic ecologist and teacher by training and a data scientist by profession. He is also a certified Power BI and Tableau data analyst. After his career as a PhD researcher at KU Leuven, he wished that he had discovered DataCamp sooner. He loves to combine education and data science to develop DataCamp courses. In his spare time, he runs a **symphonic orchestra**.

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COLLABORATOR

Carl Rosseel

PREREQUISITES

Introduction to Power BI