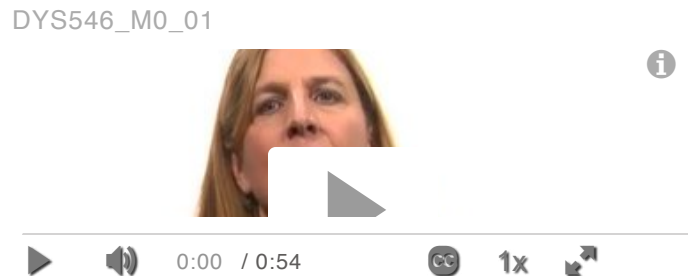


# UNIT 6 Introduction



## What you'll do

- Learn to create Data Models in Excel by relating data in different worksheet tabs.
- Use Excel's Power Pivot functionality to store and query large volumes of data from multiple sources and in many formats for data analysis, modeling, and reporting
- Insert slicers to filter and analyze table and pivot table data quickly and efficiently
- Use Data Analysis Expressions (DAX) formulas to add columns of information in a table and enrich reports
- Build dynamic, interactive dashboards that present a large volume of results and facilitate in-depth analysis and sound decision-making



Imagine that you have to perform some kind of analysis on data that reside in various places and formats. Some of the data exist on the web. Other parts live in a text file, an Access database, and maybe another application. Sound familiar? How do you pull all these disparate data sets and formats together and organize them into impactful reporting models—without spending hours on the task?

In this unit, Professor Haeger answers these and other questions about data modeling through a series of real-life examples. You'll see and practice how to apply Excel's rich set of data management and modeling features to create relational databases from multiple sources quickly and efficiently. And you'll gain insights into how you can build dynamic, interactive dashboards that answer dozens of questions and aid informed decision-making, all at the click of a mouse. In

short, you'll take away fresh, new ways to manage and model data effectively and enhance your organizational analytics, whatever your field.

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