

Worksheet vs. Excel Data Model



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Agenda



Explore data storage options

Excel 2010 vs 2013/2016

Demo

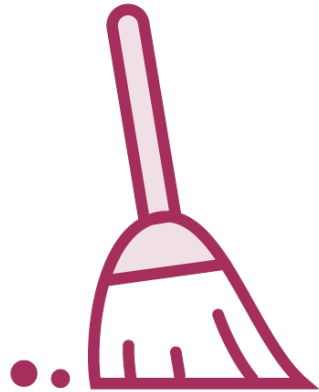
- Install PowerPivot add-in for 2010
- Loading data into the EDM



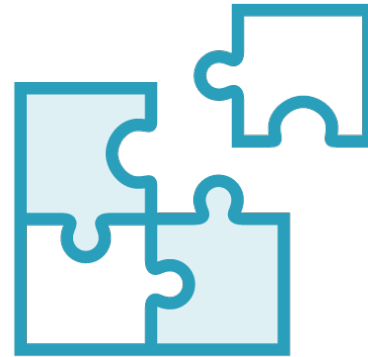
Power Query



Data retrieval



Cleanse



Combine



Share

The Excel Data Model

A Data Model is a new approach for integrating data from multiple tables, effectively building a relational data source inside an Excel workbook. Within Excel, Data Models are used transparently, providing tabular data used in PivotTables, PivotCharts, and Power View reports.



Power Pivot and the Excel Data Model



2010

**Install Power Pivot
add-in to access
and edit the EDM**



2013/2016

**EDM is baked in,
add-in to edit the
model is included in
installation**

Worksheet

Limited BI options

Limited Data size options



Excel Data Model

Access to Power Pivot, Power Chart and Power View capabilities

Ability to define relationships between tables

Ability to extend the model with calculate columns, fields, hierarchies and KPIs



Demo



Installing the PowerPivot 2010 add-in

The EDM in 2010

The EDM in 2013/2016



Summary



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