Power BI Front-End vs. Back-End <Doc 000018X-Day 00006Y BI>

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Power BI's two distinct environments are the Front-End and the Back-End

The Front-End includes Data, Model & Report for modeling, analysis and visualization

The Back-End includes the Power Query Editor for extraction, transformation and loading to the Front-End (ETL)

Back-End

Connect & Extract Data with pre-built connectors
Profile & QA for cleaning and preparing for modeling and analysis
Transform & Shape Tables
Merge or Append queries to join and combine them before loading to Front-End
Perform advance transformations using custom M Code (out of scope for this course)

Front-End

Build Data Models using Primary and Foreign Keys
Add Calculated Measures & Columns using DAX
Design Reports to visualize Data
Publish & Share with Power BI Service