

Considering Front-end Tools and Future Sustainability



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Overview



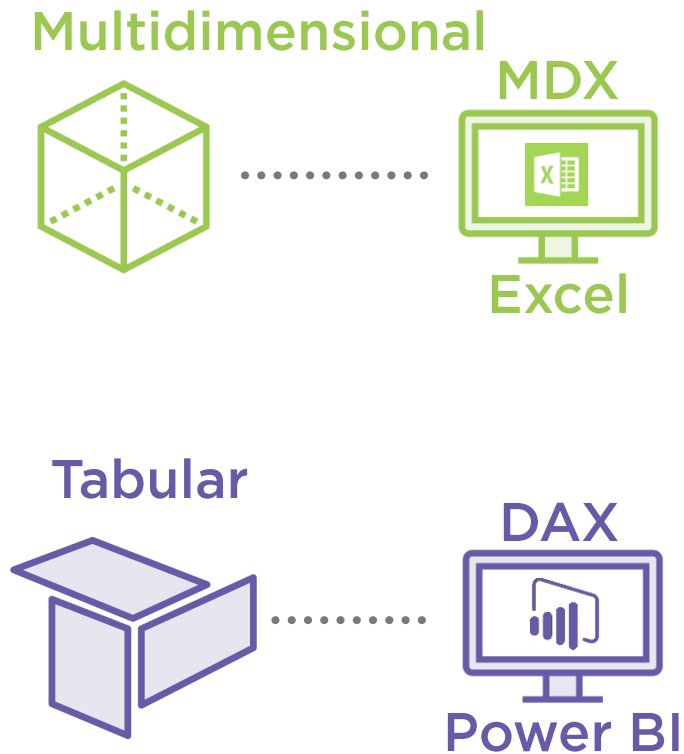
Understanding interaction with client applications

Considering fusion of Tabular and Power BI

Migration to a Tabular model



Interaction with Client Applications



Considering native query language

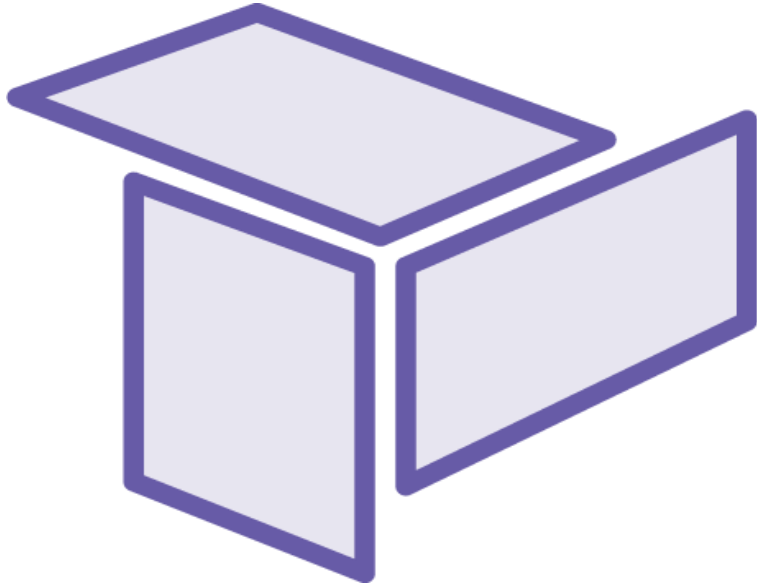
Functionalities could be lost

Performance differences

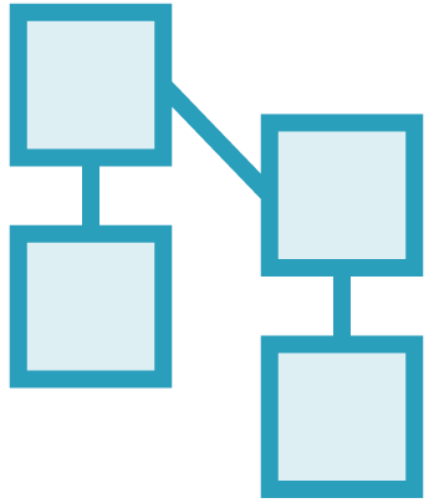
Direct connections not always possible

Aggregation vs. row level reporting

Fusion of Tabular and Power BI



Fusion of Tabular and Power BI



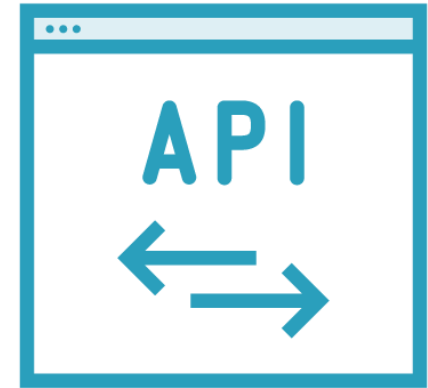
Data Model

Underlying engine is essentially the same



Data Import

Sharing Get Data experience by using Power Query/M



XMLA Endpoint

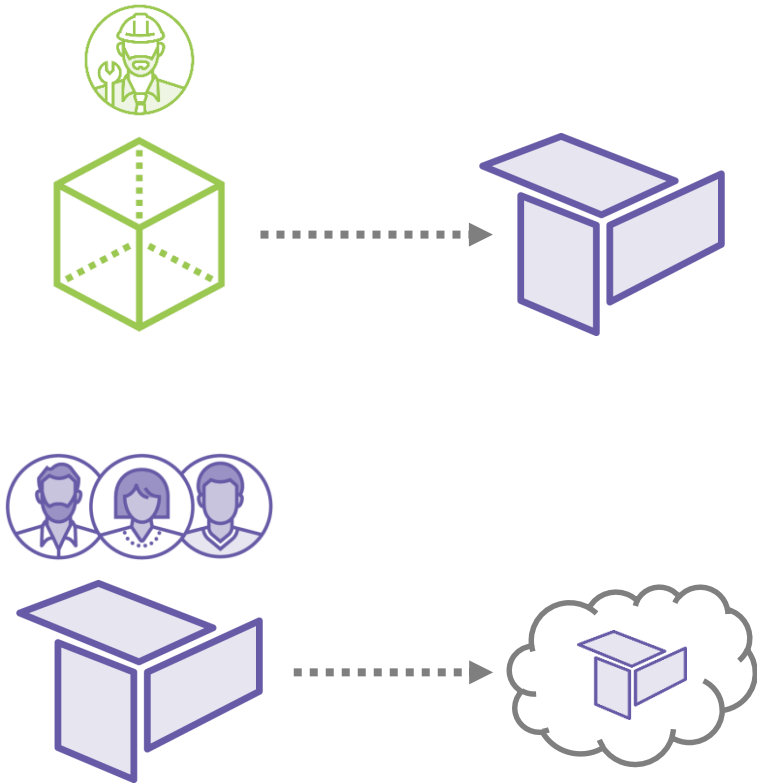
Providing access as a OLAP database instance coming to Power BI



Tabular and Cloud Migration



Tabular and Cloud Migration



Enables cloud migration path

Development prioritization

Leveraging Power Query/M and Super DAX

Enabling self-service BI

Migration approaches:

- Programming with AMO
- Scripting with BIML
- Manually transforming XML to JSON

Demo



Accessing model types with Excel and Power BI

Analyzing different behaviors depending on native MDX or DAX client



Summary



Analyzing interaction with client application

Discussing similarities between the Tabular model and Power BI

Considering Tabular migration

