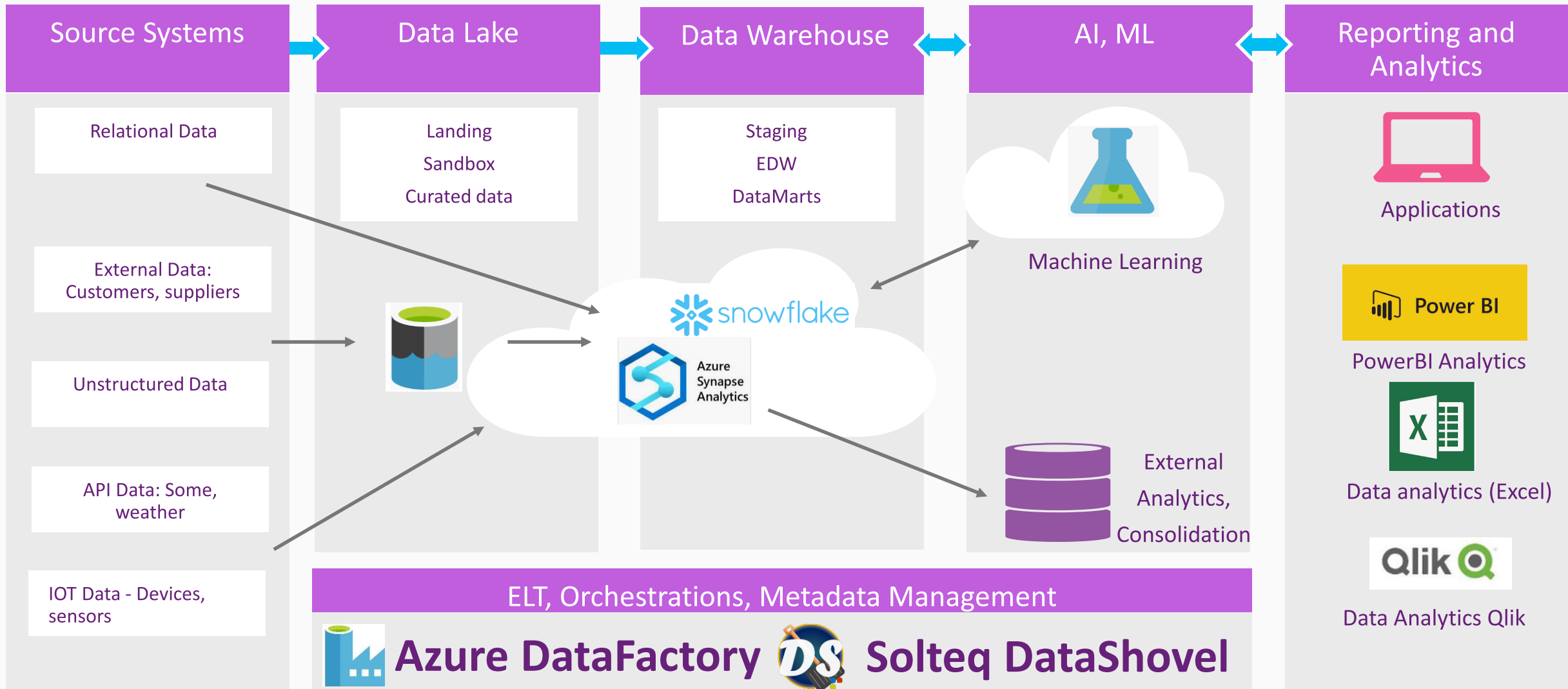


SOLTEQ

DataShovel 1.0

Solteq Data Platform Architecture

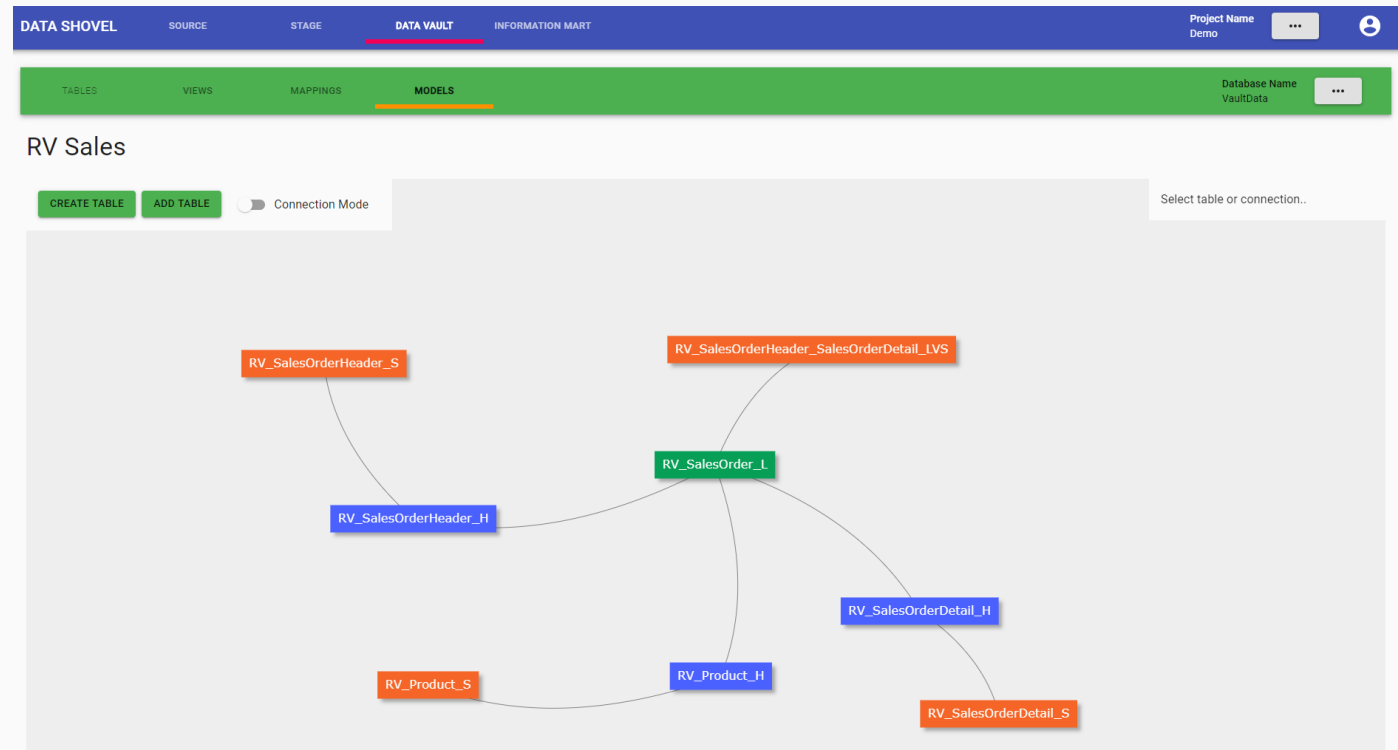


DataShovel Modelling

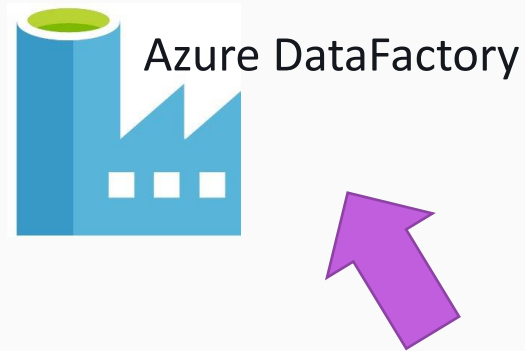
- DataShovel work starts from modelling the data into DataVault model
- Intuitive browser modelling canvas

Target user groups for DataShovel:

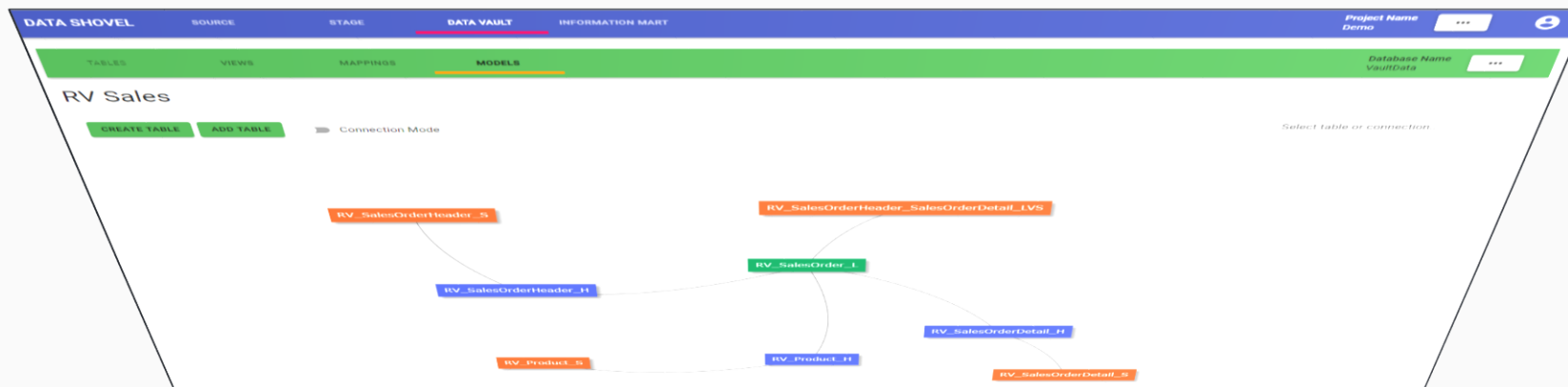
- DW Developers
- Customer DW developers
- Customer key users



Behind the Scenes



After modelling, mapping and importing - DataShovel can be shut down!
Objects are created in the background outside the tool



What is DataShovel?

- 1) Modelling tool – both conceptual and logical DW modelling
- 2) Automation Tool – maintains automatically the database structures
- 3) Automation Tool – creates ELT loads and orchestrations from source to EDW and DataMarts in the background
- 4) Documentation tool
 - Creates the data lineage from source systems to DataLake and to DW
- 5) Metadata Management tool – from source to reporting

Top Features

- Generates orchestrations automatically to
 - Azure Data Factory
 - Matillion
 - Apache Airflow
 - SSIS
- Database Backend can be
 - Azure Synapse Analytics
 - Snowflake
 - Azure SQL DB
- Reads data and metadata from
 - Traditional databases
 - Blob storage, data lake
 - Flat files
 - ...

Why DataShovel?

- 1) Modelling Centric
- 2) Not a programmers' tool
- 3) Cost Effective
- 4) Minimal vendor lock

Licensing Models

- DS can be run from Solteq cloud environment or installed to customer's Azure
- Monthly fee per user or per customer, no restrictions
- Very cost-effective vs other commercial products

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