



- 1 Import data into Data lake
- 2 Transform data lake item into clean, structured and useful data, putting them into DWH
- 3 The orchestrator is accountable for:
  - uploading customer file into data lake
  - starting data analysis based on customer data and data sources data
  - preparing output from DWH to API
- 4 The orchestrator can expose itself an API to the customer or can be a part of a bigger process
- 5 The data are imported in 3 ways:
  - recurring batch for forecast data from data source C
  - batch once for the data history of the last 15 years from data source C
  - producers importing current data from data sources C and D
- 6 Data from data sources are transformed into a useful structure and are inserted in a DBMS
- 7 Link between DWH and an external DBMS
- 8 The DWH contains:
  - ETL procedures for extraction and transformation into a model useful for data analysis and API
  - tools and configurations for data analysis
  - DBMS for extracted and processed data
- 9 Integration between DWH and an API exposing service