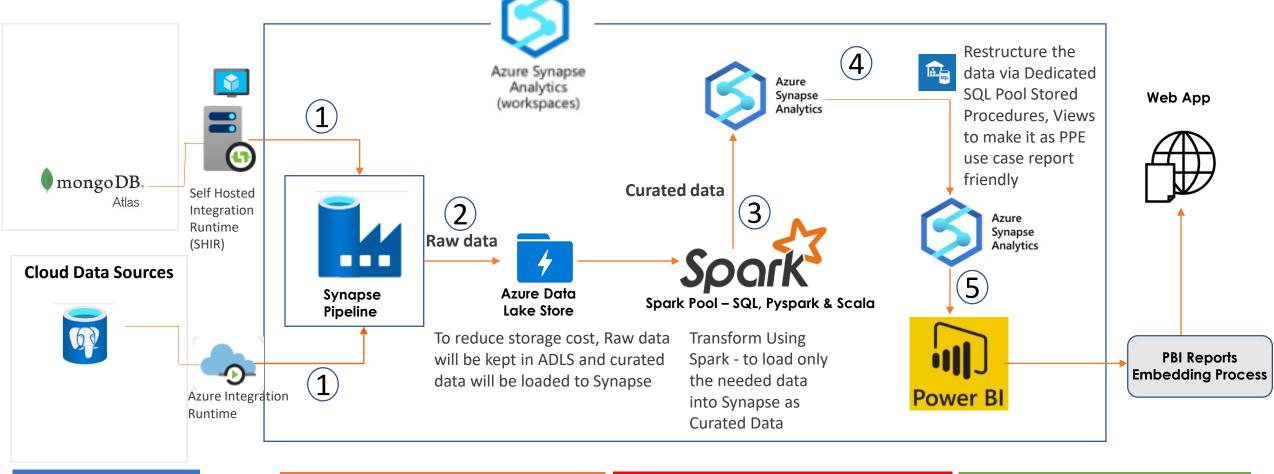


Azure Data Factory and Azure Synapse Pipelines and Triggers



Source Data

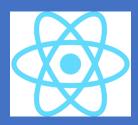
Extract and Load

Transformation

Serving Layer

AWS EC2 Linux Server

Presentation Layer



React JS

Artifacts / Pages :

- Connections
- Projects
- Datasets
 - Profiling
 - Validation

Application Layer



Python



Flask - API



Capital One Profiler



Great Expectations

<u>Database</u> <u>Layer</u>



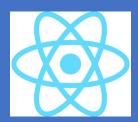
PostgreSQL

Metadata Tables:

- Connections
- Projects
- Datasets
- Dataset Details
- Testcase Master
- Testcase Details
- Testcase Result
- Profile Result

AWS EC2 Linux Server

Presentation Layer



React JS

Artifacts / Pages :

- Connections
- Pipelines
 - Source
 - Sink
 - Transformation
 - Masking
 - Validation
- Migration
- Scheduling

Application Layer



Python



Fast - API



Snowpark



Great Expectations

Database

Layer



Snowflake

Metadata Tables:

- Connections
- Applications
- Entity Master
- Attributes Master
- Testcase Master
- Testcase Details
- Testcase Result
- Query Transformation
- Masking Master
- Masking Details
- Schedule Master
- Schedule Logs