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DQXpress

A Coforge Accelerator

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About DQXpress and addressing challenges

Coforge's DQXpress accelerator enables comprehensive DQ profiling with statistical insights, DQ rules setup based on six dimensions (Completeness, Consistency, Conformity, Duplication, integrity, and accuracy), correcting the source data quality issues, DQ assessment report which elaborates DQ issues w.r.t DQ dimensions and DQ results reports

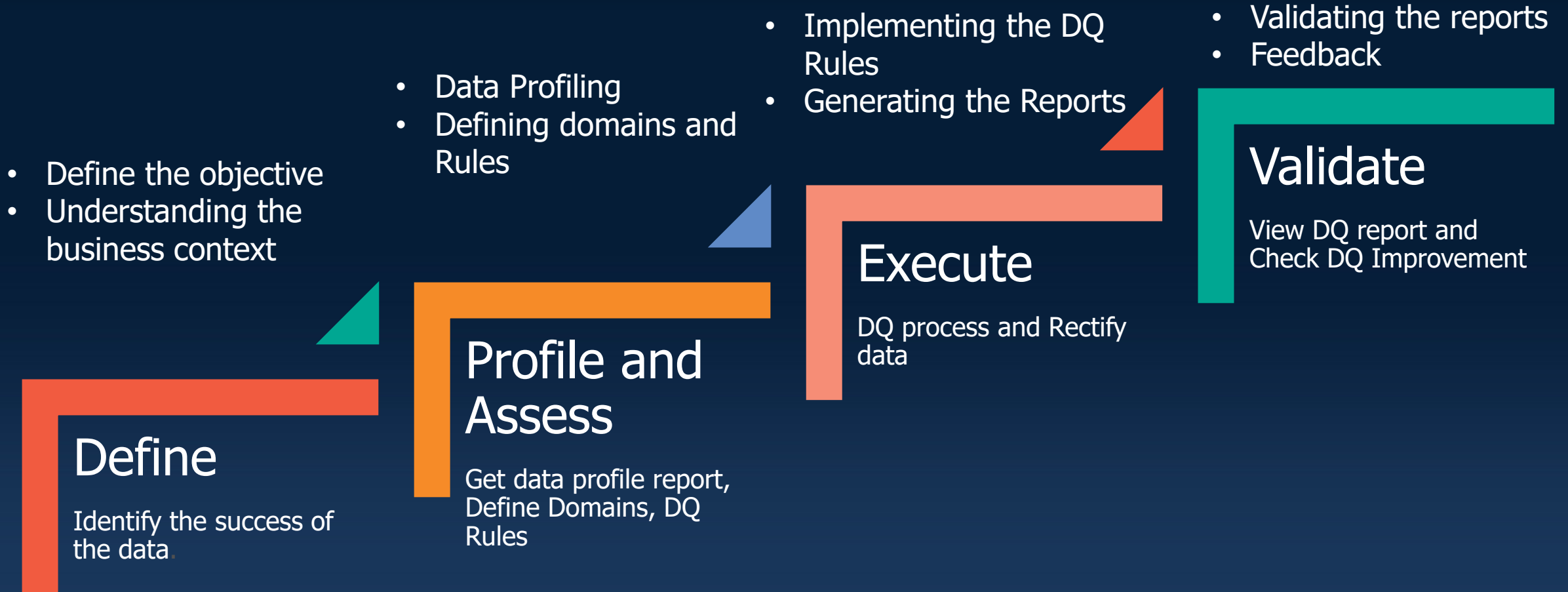|				
Incorrect data/ missed data/Invalid values/Duplicate values/nonstandard formats/Incomplete data	Handling of Consistency and Standardization of data	Improvement of customer experience	Overall cost of DQ process	Quickly get the overall picture of Data.
Assessing DQ issues	Handling of Regulatory compliances and reporting quality issues	Handling of merger and acquisitions challenges	Integration DQ with ETL process issues	Applying DQXress on the Azure raw layer and loading the quality data into the Silver layer of ADLS Gen2

DQXpress addresses above challenges/issues that companies need to be able to overcome in DQ implementation Journey

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DQXpress Approach

Coforge is having dedicated DQ framework enabled with DQXpress, which supports right from planning to till deployment of DQ in production environment.

- Implementing the DQ Rules
- Generating the Reports

- Validating the reports
- Feedback

- Data Profiling
- Defining domains and Rules

Validate

View DQ report and Check DQ Improvement

- Define the objective
- Understanding the business context

Execute

DQ process and Rectify data

Profile and Assess

Get data profile report, Define Domains, DQ Rules

Define

Identify the success of the data.

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Features and Benefits
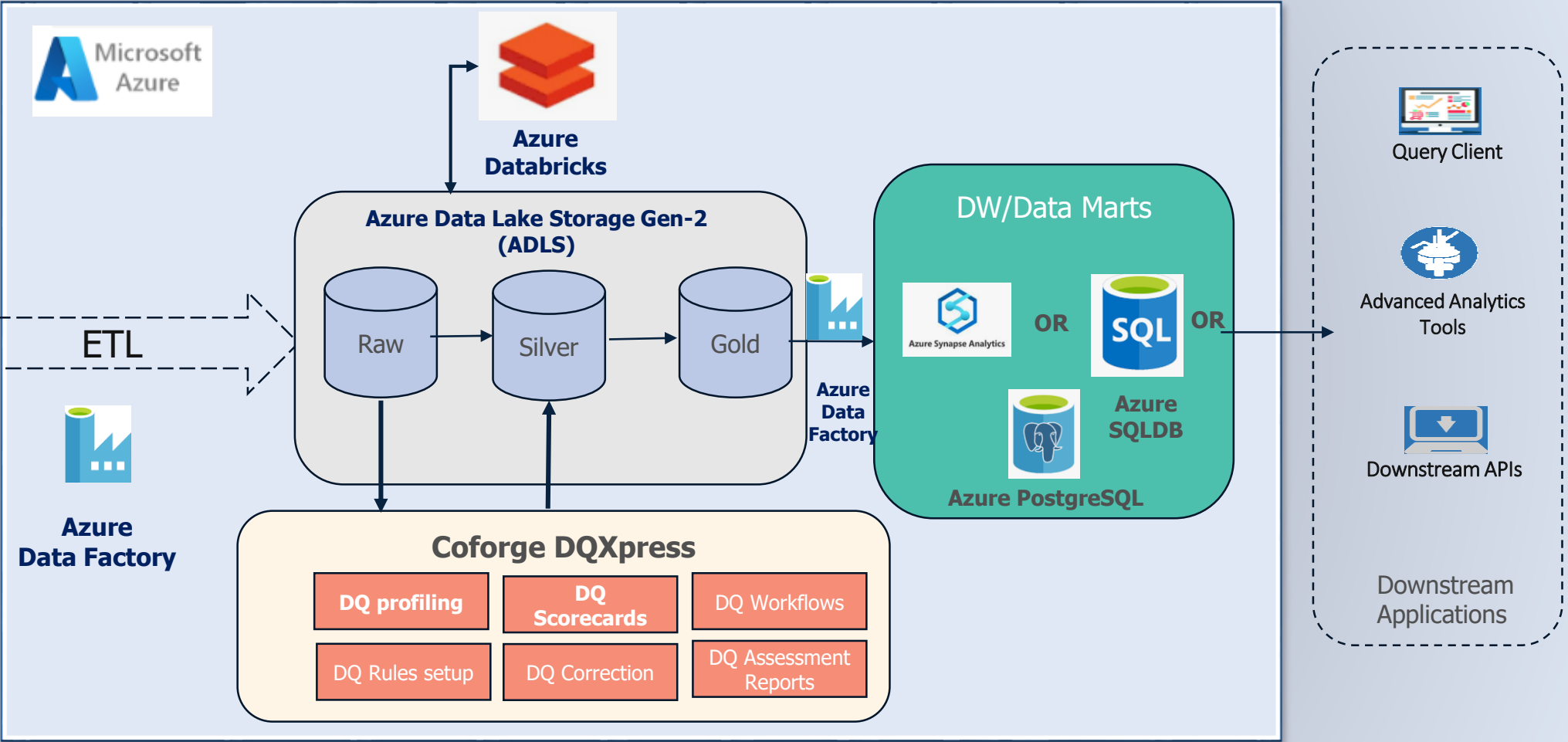
Features
• **Jumpstart, a fully functional technological product**
• **Profiling makes profiling of data quality possible**
• **Framework for Assessment Impact Assessment**
• **Correction: fill up the blanks with values**
• **Observation & Documentation**
• **It is compatible with address doctoring; it may be used standalone or in conjunction with other DQ systems with ease.**

Benefits
• Boost business performance
• Use actionable insights
• Maximize revenue opportunities
• Boost confidence in data; eliminate waste and cut costs
• Improve and accurately report
• Meet regulatory compliance requirements with greater ease
• Reduce time and rework by 40% to 50% as a result of the automatic DQ process implementation
• Reduce costs by 30% to 50% Data quality improvement over manual data rectification

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DQXpress Architecture

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Let's engage!