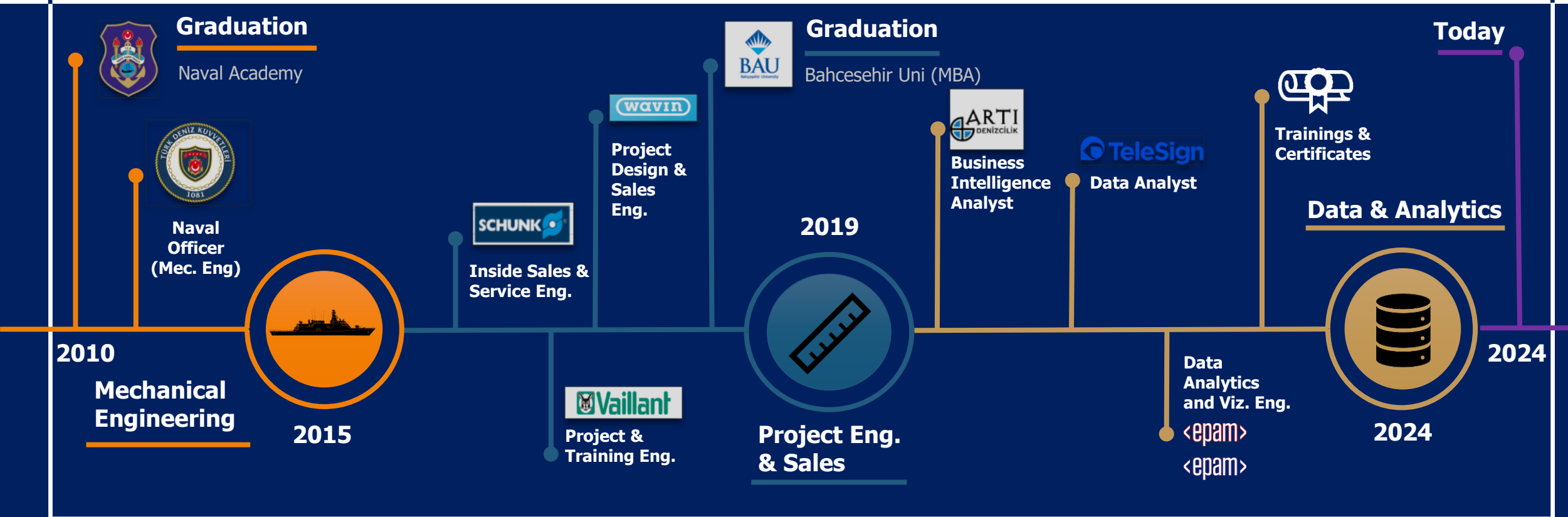


Career Timeline



Education



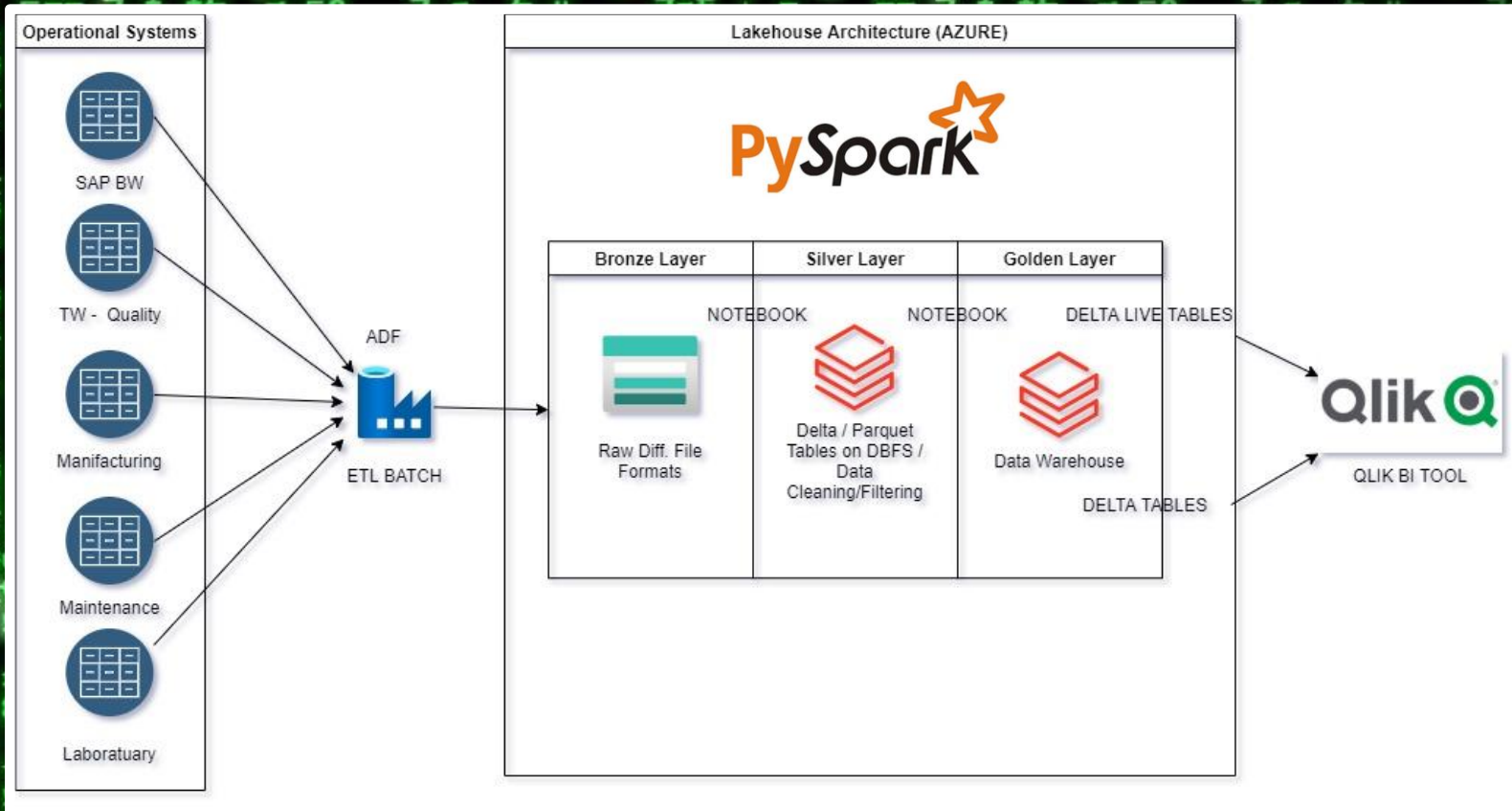
 **Turkish Naval Academy - Istanbul** in 2010
Mechanical Engineer



 **Bahcesehir University - Istanbul** in 2019 **Master Degree (MBA)**

Databricks Delta Lake Architecture – BI Visualizations

Pharma Domain



Pain Point

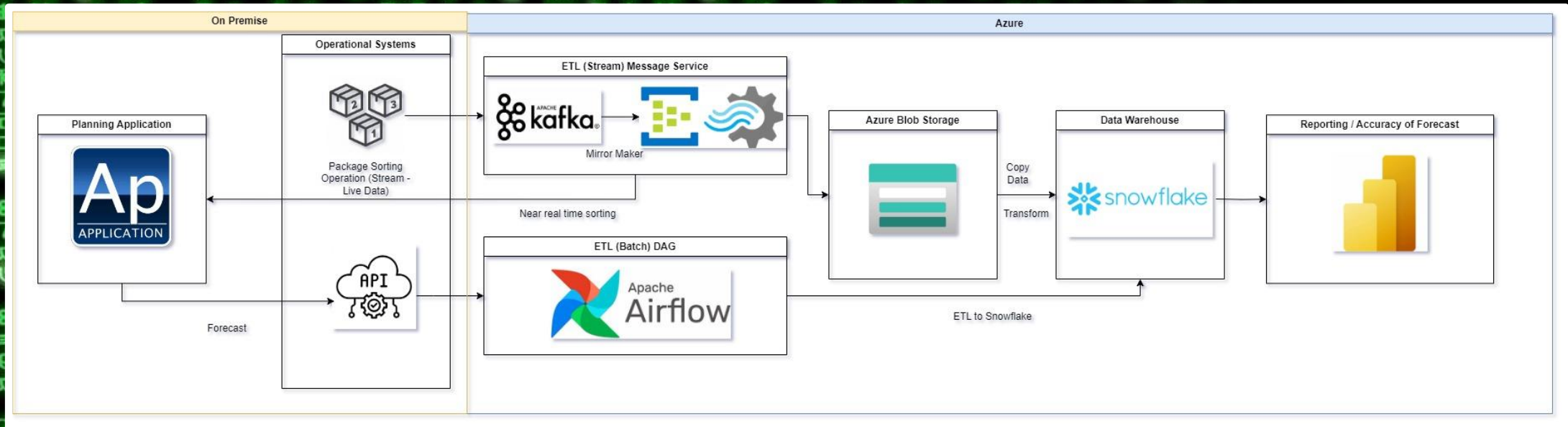
- One place to reach product and sub-product based Yield Metric (Lot, Lab results etc.)

Tasks

- Correct source detection for KPI calculation (Code based - automated) (Personal Python Module)
- Modelled and Created Delta Lake Data Warehouse in 3 Tier Architecture
- Created OLAP DWH (Golden Layer) (materialized views on Delta Lake (Managed and External))
- Query optimization (Z order), Incremental delta load (Merge), Cluster performance enhancement
- Documentation, data management activities

Stream & Batch ETL – BI Visualizations

Package Delivery Domain



Pain Point

- Accuracy on Personnel appointment to sorting operations to increase efficiency and save costs on sorting
- Manual data upload to PowerBI Service

Tasks

- 🌀 KPI validation – Splunk (app data) JSON – PBI connection (Reverse ETL)
- 🌀 Data Warehouse Definition – Materialized Views etc.
- 🌀 Finding Available Sources on Legacy Systems and Writing DAGs ON Airflow for ETL
- 🌀 Event Hub – Stream Analytics writing queries to Azure Blob Storage - Snowflake tables
- 🌀 CI / CD Kanban board

Data Analyst

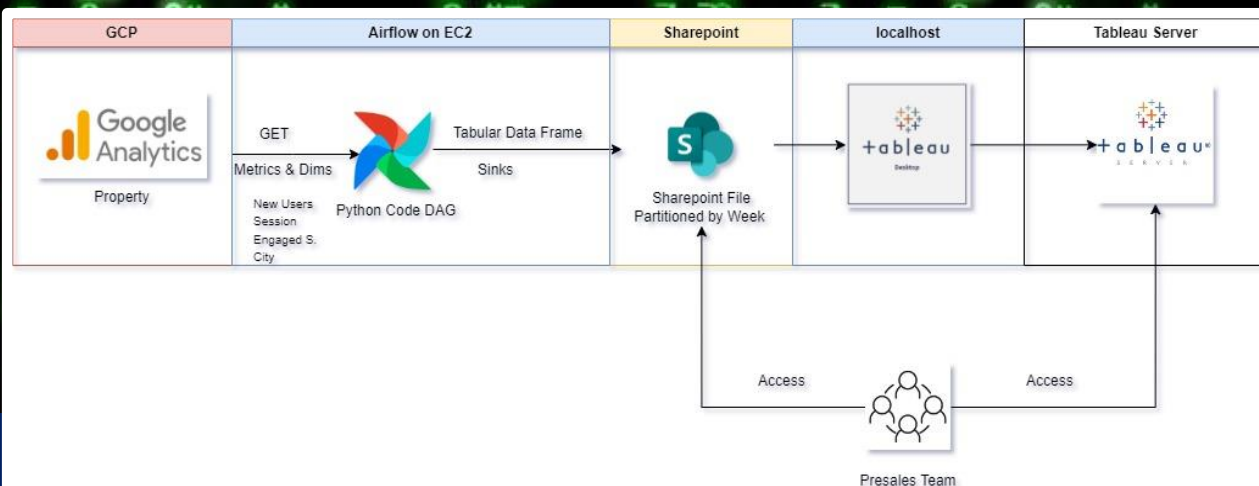
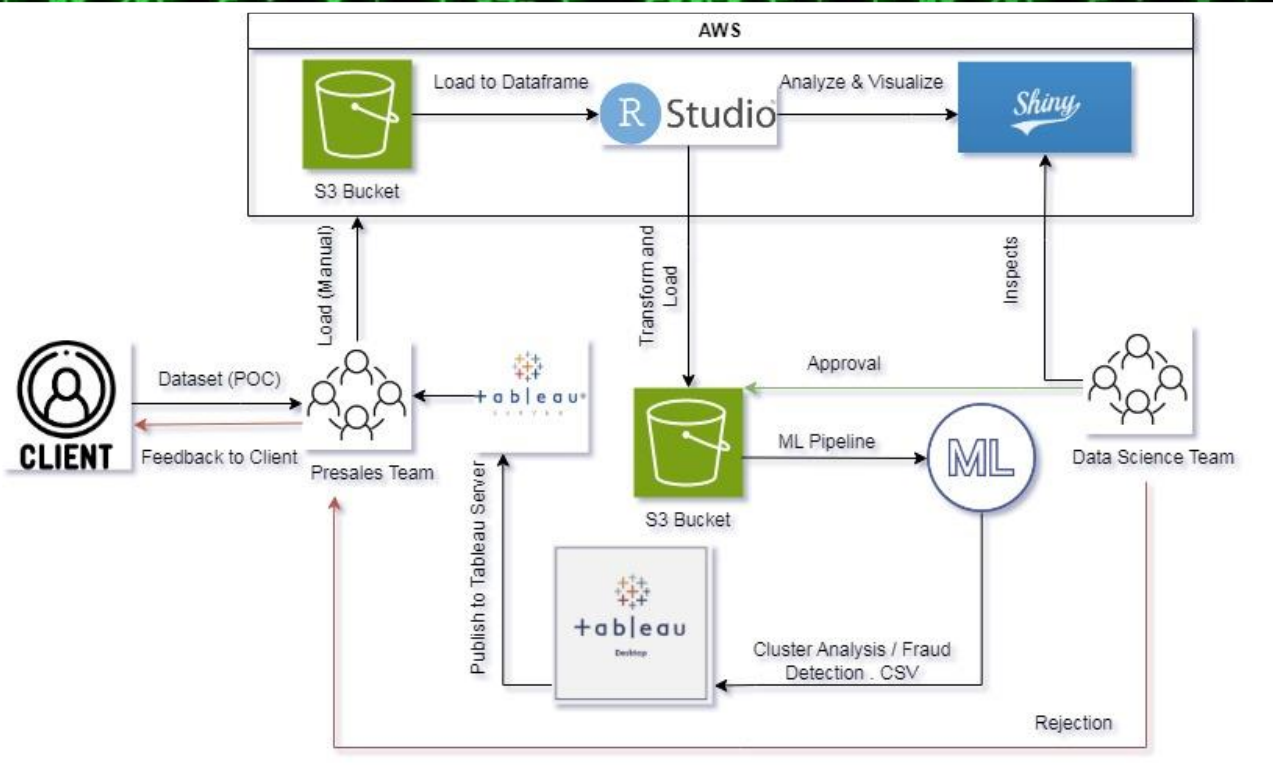
Fraud Detection Domain (Cluster Analysis, Time Series)

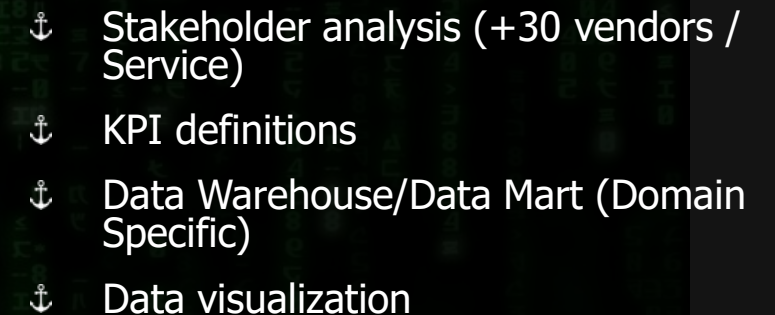
Pain Points

- No Automation on dataflows
- Low quality data validation (limited by excel capacity - capabilities)
- No BI based reporting for weekly internal meetings and sales meetings – No historical results

Skills

- Automation of Data Validation (Multi Million level transactions)
- Data Transforming & Loading (ETL)
- Test of Referential Integrity
- Data Visualization (ad-hoc or bulk)
- Business unit KPI's creation and follow up success metrics





Current Trainings & Certificates

Azure Exam Certificates



AZ-900



DP-900



DP-500



DP-203

Snowflake



Power BI (PL-300) PBI Data Analyst



PL-300

Google Looker Data Platform



5+ Badges

Analytics Engineer Mentorship Programme

12 diff. Mini Courses

Requirements in Data Projects
Data Profiling
Data Modelling
Data Visualization & Dashboard Design
UAT

12/5



TIBCO Spotfire

