Azure Modern Data Warehouse

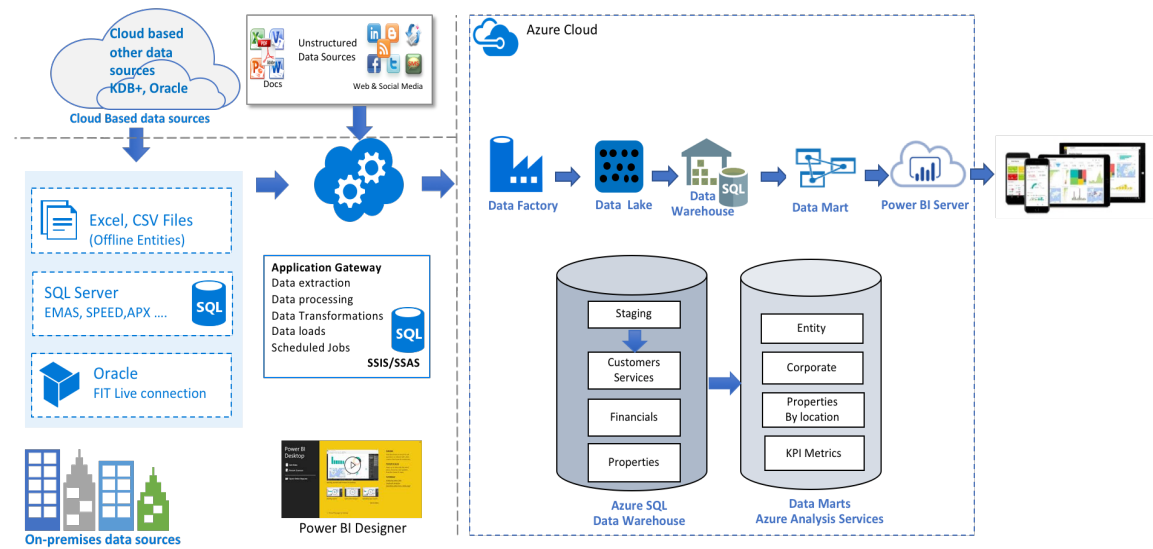Intuceo | from data rich to insight rich

The customer is a large, diversified real estate company with many businesses including car dealerships, vehicle rentals, investment banking and real estate. We designed and built a common data lake on Azure and built various data marts to support analytics at individual business level as well as corporate level.

Highlights :

- Report the Corporate/Business level KPI metrics
  - Real estate dashboard
  - Car dealership/Rentals
  - Investment banking
  - Consolidated corporate level analytics
- The data collected from various transactional systems at business level using Microsoft Azure data lake, data factory and Azure SQL.
- Portfolio performance reporting
  - Income analysis
  - Summary Performance– Key metrics by business
  - Net Profit, Book value, market value & Profit analysis.
- Self-service BI
  - The users can create their own reports using Power BI

Technical Solution:

- Collect the data from various data sources using Azure data lake and data factory components.
- Build Azure data warehouse.
- Power BI dashboards

Results at Glance:

- Tool to measure quality improvement by Business, service location and drill down to the details.
- Performance reporting and improvements
- Users can build their own reports

Solution Architecture:

Sample Screens: