Implementation of data platform for advanced analytics @ A Financial Services Company
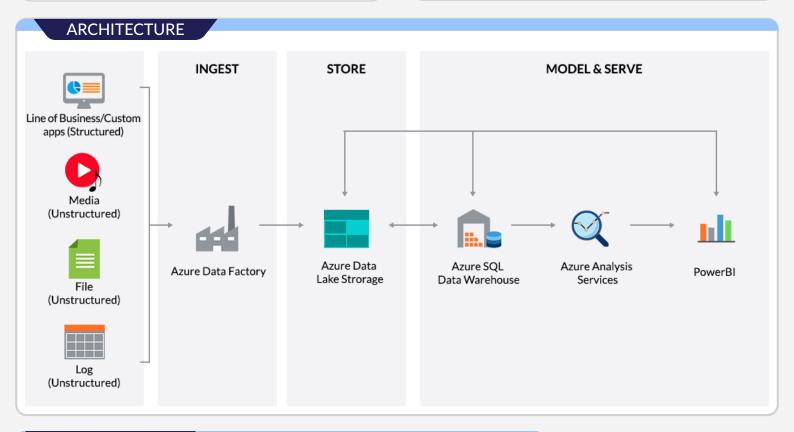
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BUSINESS CASE

» Need to drive down Capex cost and improve near real time view of financial transactions to enable course correction for in flight financial negotiations

» Migrate on-premise data warehouse to Azure cloud platform

» Reduce significant manual intervention and enable self-service Business Intelligence and Advanced Analytics.

SCOPE

» Create foundational cloud data service layer for data consumption by internal and external stakeholders

» Create a reusable framework to prepare financial data for reporting, dashboarding and advanced analytics purposes.

BUSINESS BENEFITS

» Significant cost reduction in Capex areas

» Enables better analysis of costs across key areas and helps design better pricing models

» Reusable framework for utilizing the data for various external stakeholders.

ARCHITECTURE

	INGEST	STORE	MODEL & SERVE		
Line of Business/Custom apps (Structured) Media (Unstructured) File (Unstructured) Log (Unstructured)	Azure Data Factory	Azure Data Lake Strorage	Azure SQL Data Warehouse	Azure Analysis Services	PowerBI

SOLUTION

» Redesign existing EDW for optimal performance in Azure cloud

» Create Data Lake in Azure Cloud to efficiently store finance related transaction data.

» Leverage Azure data services including Azure catalogue & Azure Data Factory

» Migration of data from existing data-warehouse to Azure data warehouse

https://www.aress.com/big-data-analytics-solutions.html