REQUIREMENTS

1. Data available in SQL server need to be moved in cloud storage.
2. Build pipeline which will transfer data from on Prem.
3. Connect data bricks to storage account using mount.
4. Build aggregate table for the reporting with all the business related KPI’s.
5. Connect Power BI using data bricks to create visual dashboard.

Steps –

1. Create Azure storage account.
2. Azure Data Factory.
3. Setup Self Hosted IR – to move data from on prem.
4. Load data from SQL to Storage using pipeline.
5. Databricks connect to storage – Pyspark.
6. Aggregate table building using SQL.
7. Power BI.

KPI –

1. Total Pizza Sold
2. Total Orders, Revenue, Avg Pizza per orders.
3. Sales vs Order month over month.
4. Daily, Monthly, Hourly order trends.
5. Sales by pizza category.
6. Sales by pizza size.
7. Top 5 orders pizza.