GROUP A Data Mart Architecture Diagram

S3 Archival of processed data mart data into the S3 bucket using unix scripting. Archival of source files after completion of data extraction with unix scripting. **Amazon RedShift Data Source Business Users OLAP** 1 fact table and Data will be 4 dimension extracted using **Staging** tables will be S3 Bucket Source file names: Data Visualization loaded from the **Data Mart** and loaded to the Area Analytics staging area to staging area using Sales.csv Data Mining the data mart Customers.csv Informatica. **Business Reports** using Informatica Products.csv Data Data quality checks Promotions.csv visualizations and cleansing will Country.csv in Tableau be conducted while Channels.csv Snapshot table will be loading to the created using aggregation staging area on data for total sales Cleansing steps: Email validation Phone No. validation