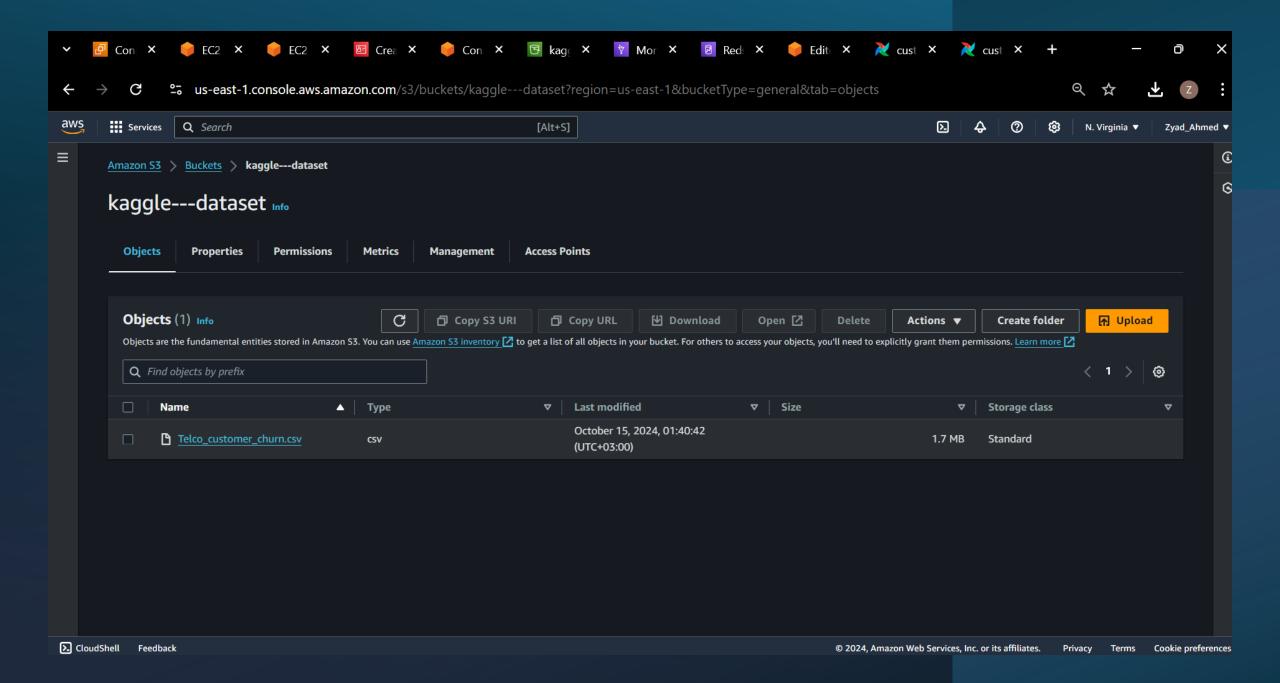


Project Architectur e

- **Data Ingestion:** Data is downloaded from the internet and stored in an Amazon S3 bucket.
- **Data Cataloging**: AWS Glue Crawler is used to infer the schema and create a data catalog from the raw data stored in S3.
- **Data Querying:** Amazon Athena is employed to run SQL queries on the data stored.
- **Data Loading:** AWS Glue ETL jobs load the cataloged data into an Amazon Redshift data warehouse.
- **Data Visualization:** Power BI is connected to the Redshift cluster for visualization and reporting.
- **Automation:** Apache Airflow is used to automate the entire ETL process.

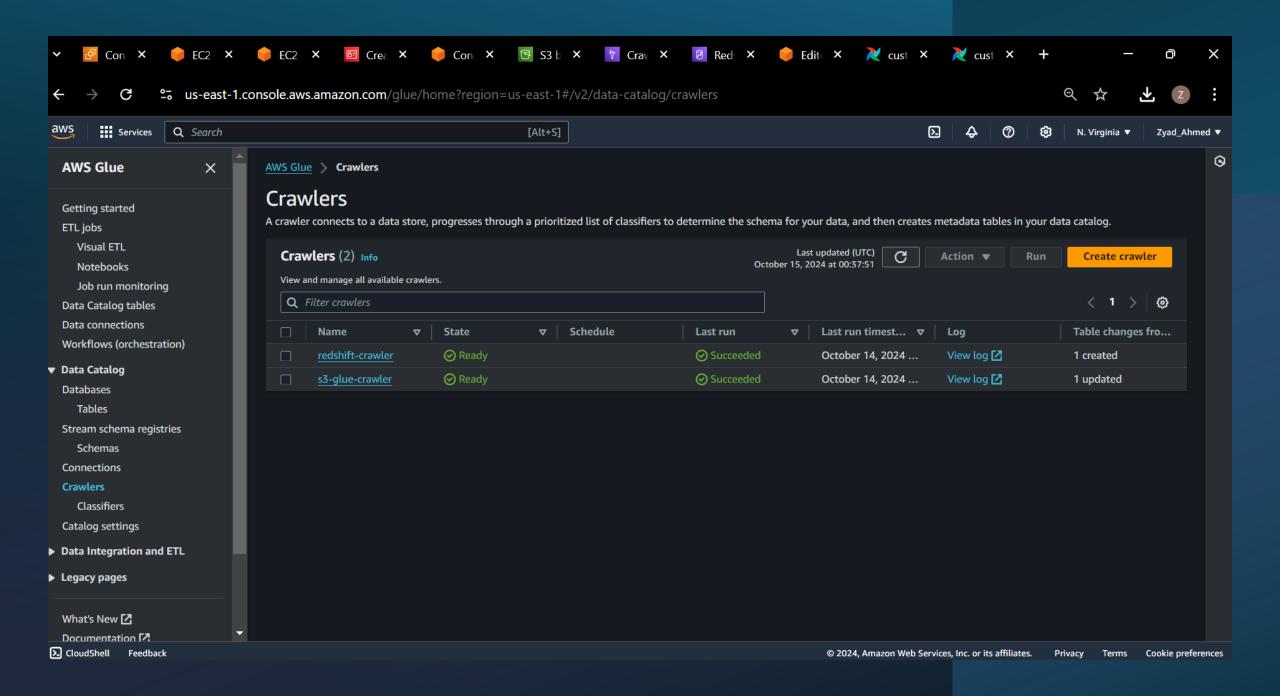


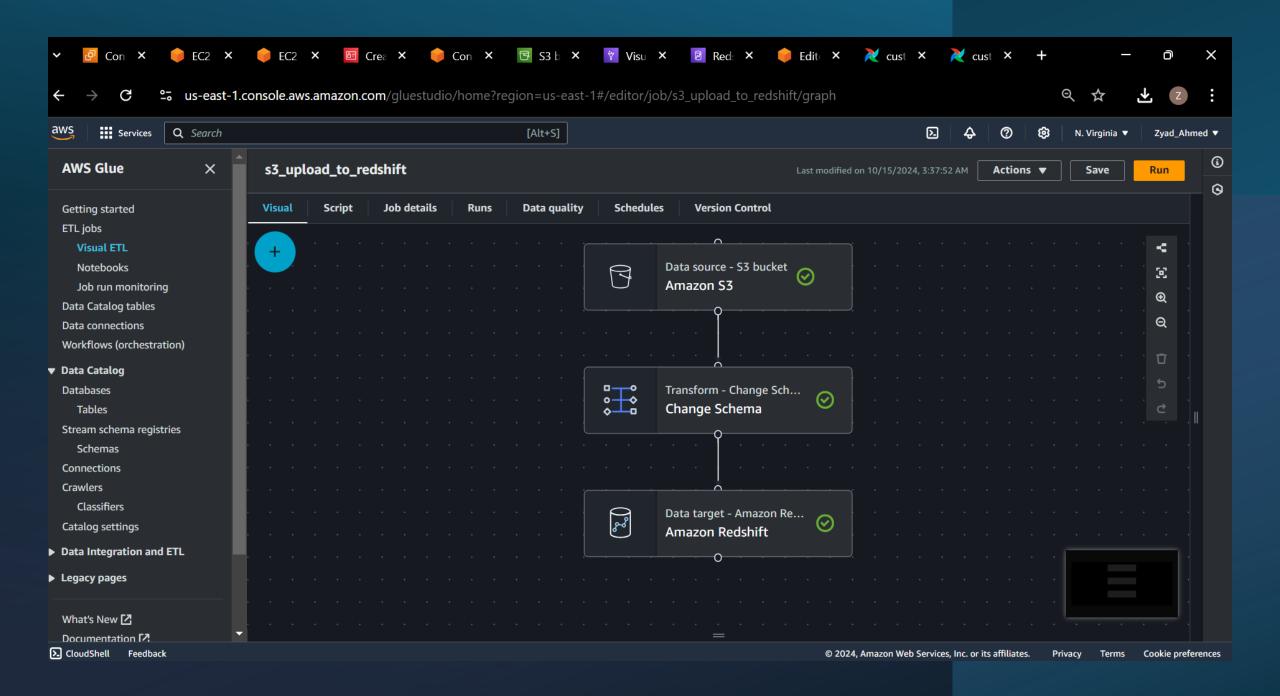


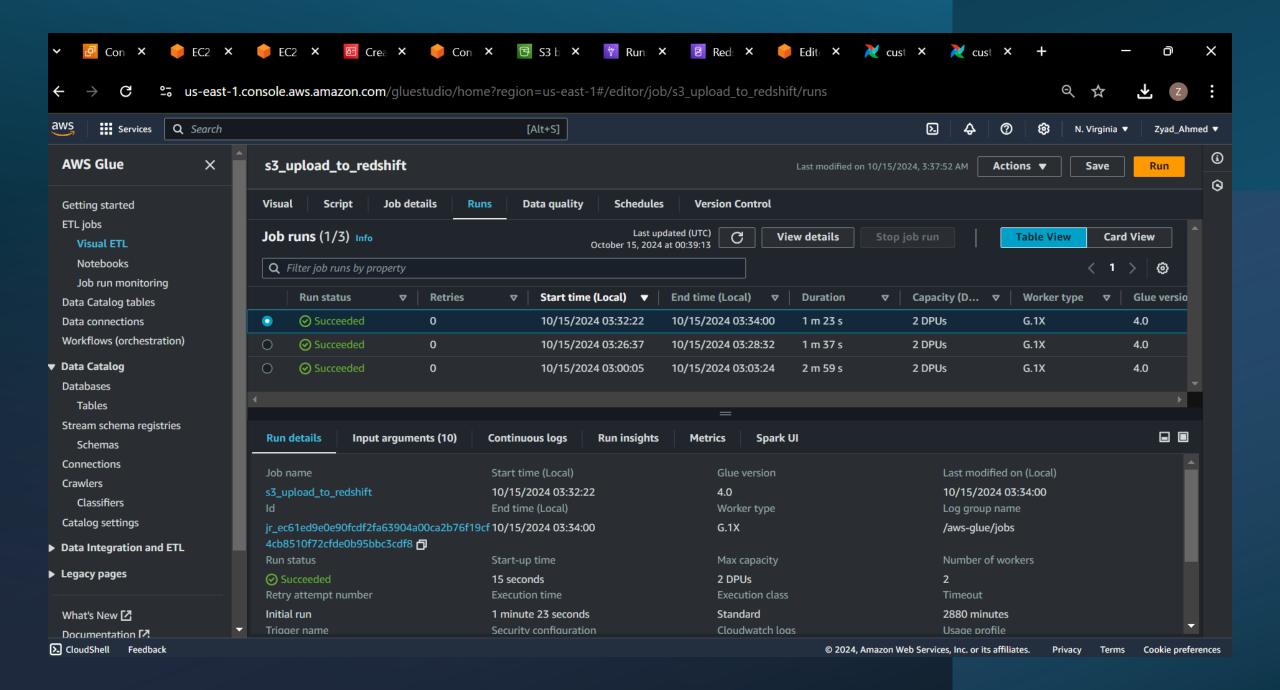


AWS Glue



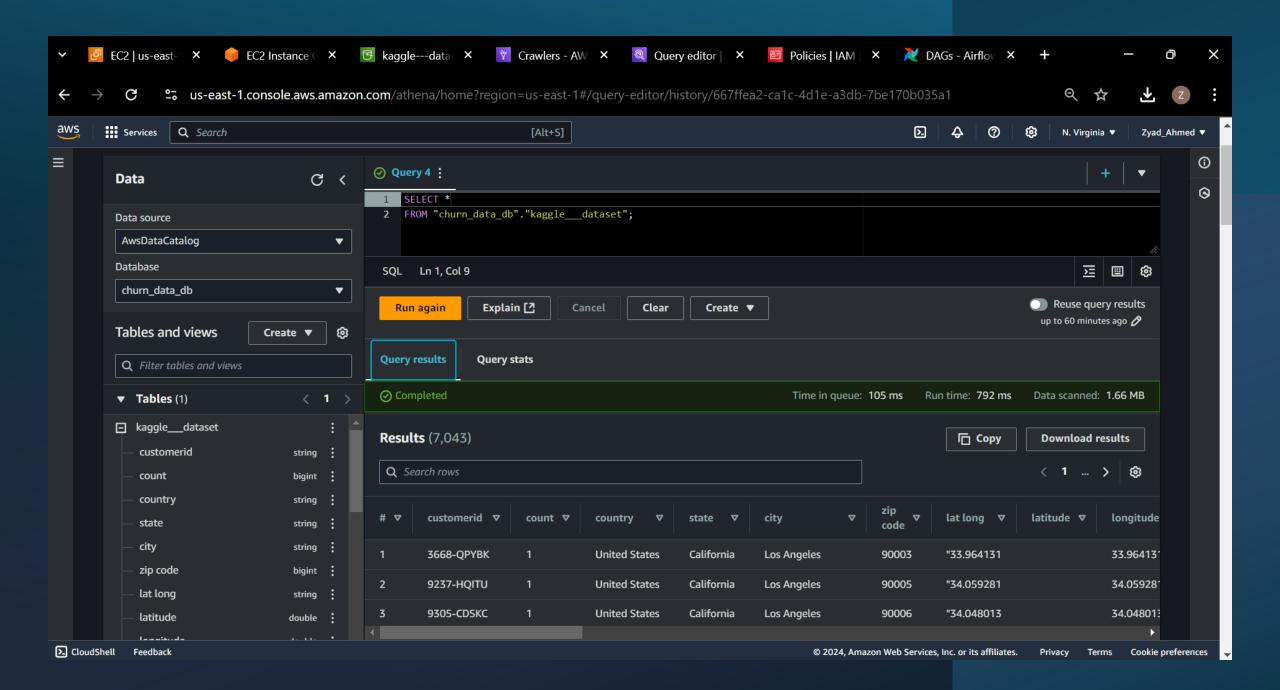


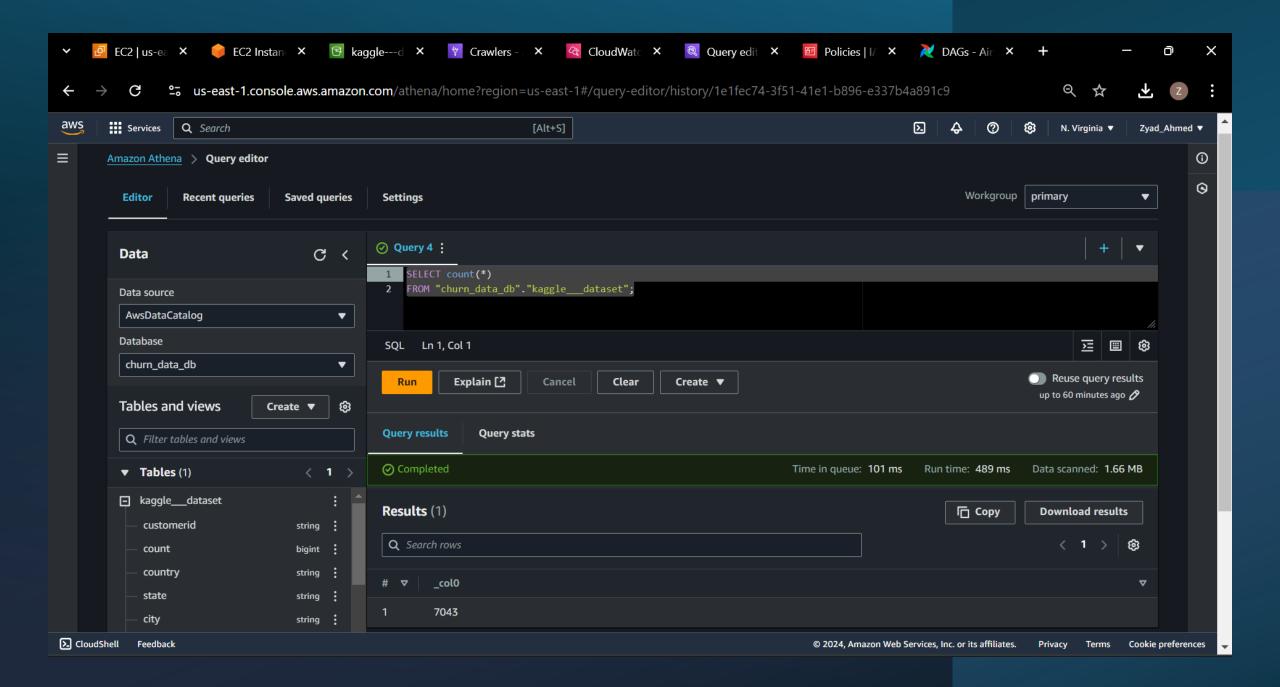






Amazon Athena







Amazon Redshift

