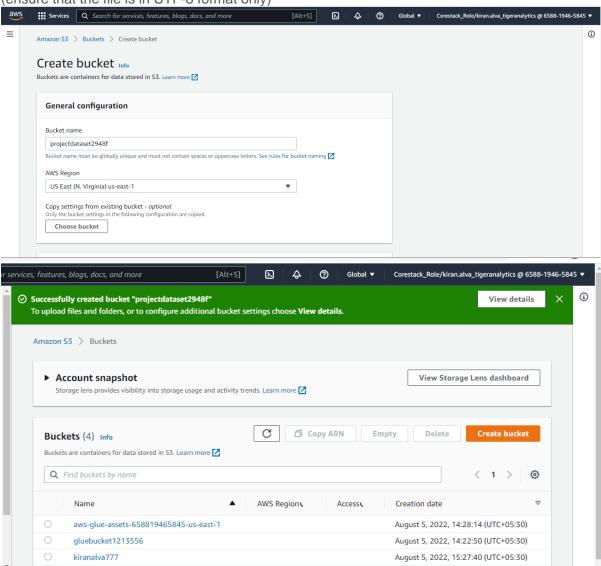
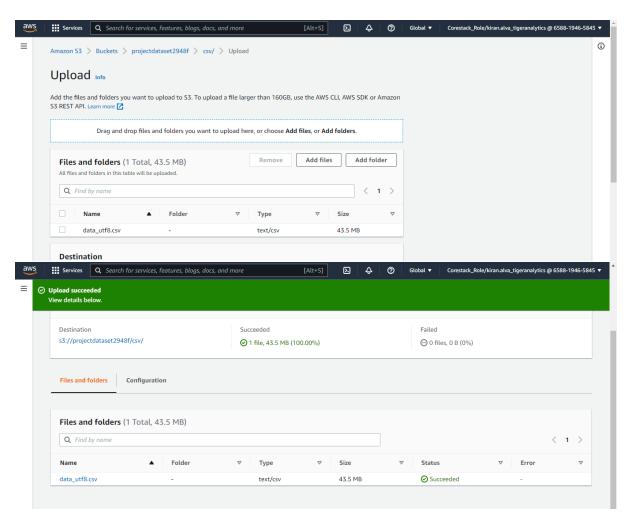
Batch Time Analysis of Transactional Data

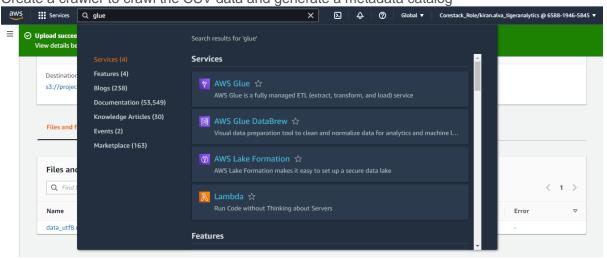
Steps to perform:

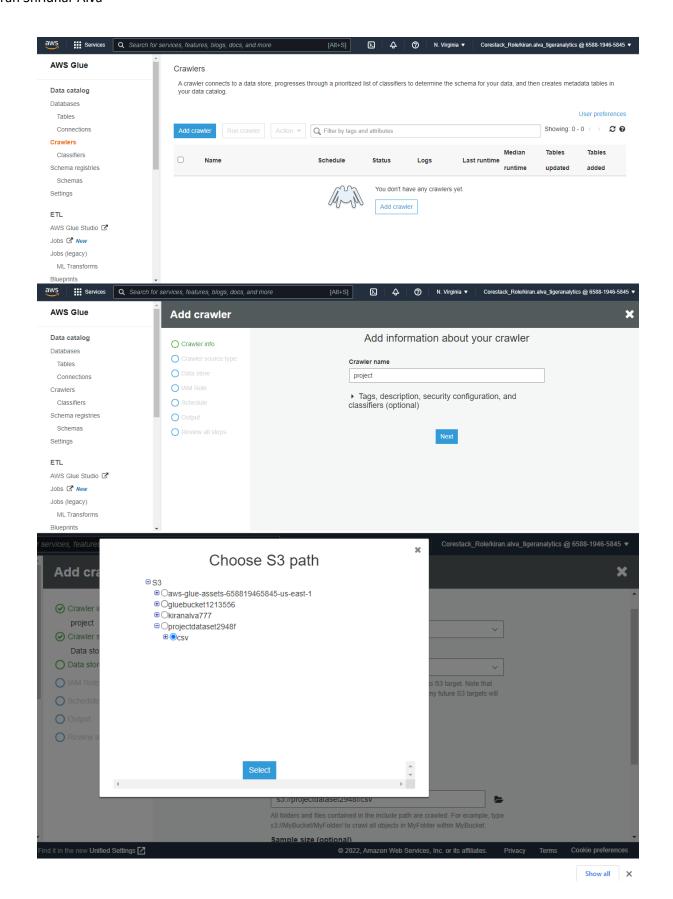
1. Create an S3 bucket with a unique name and upload the CSV file to the S3 bucket (ensure that the file is in UTF-8 format only)

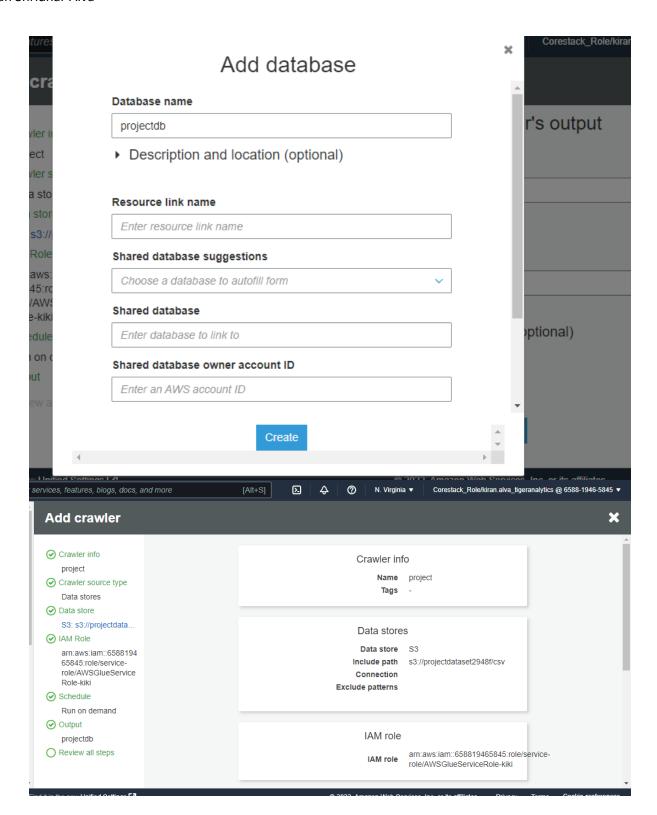


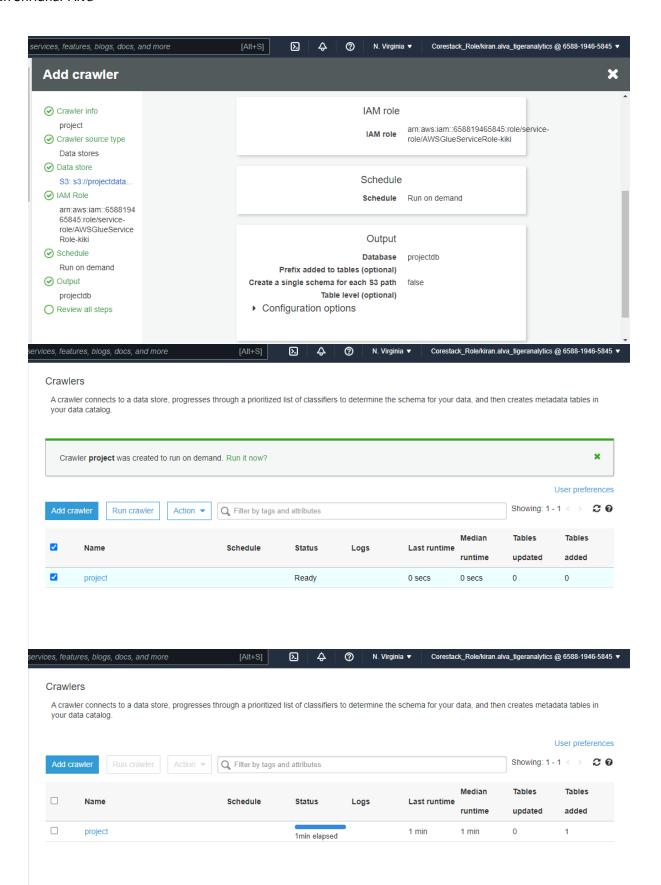


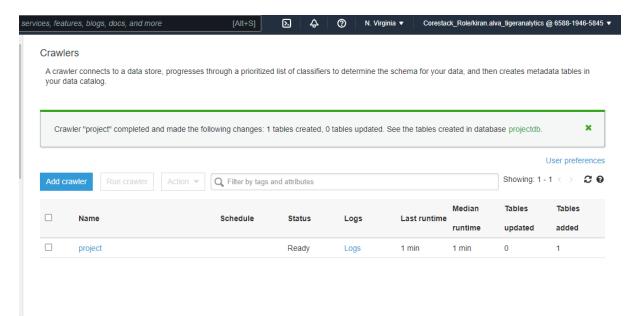
2. Create a crawler to crawl the CSV data and generate a metadata catalog



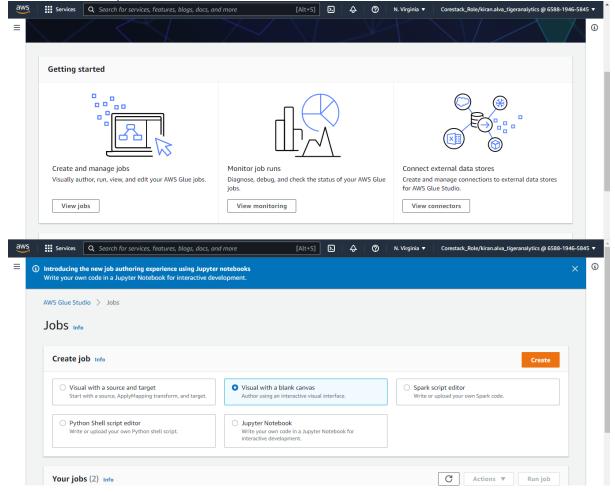


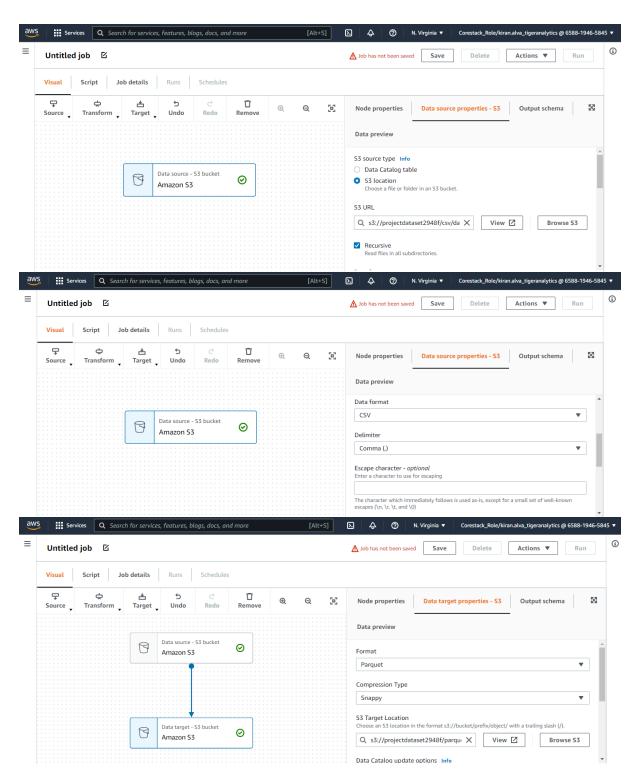




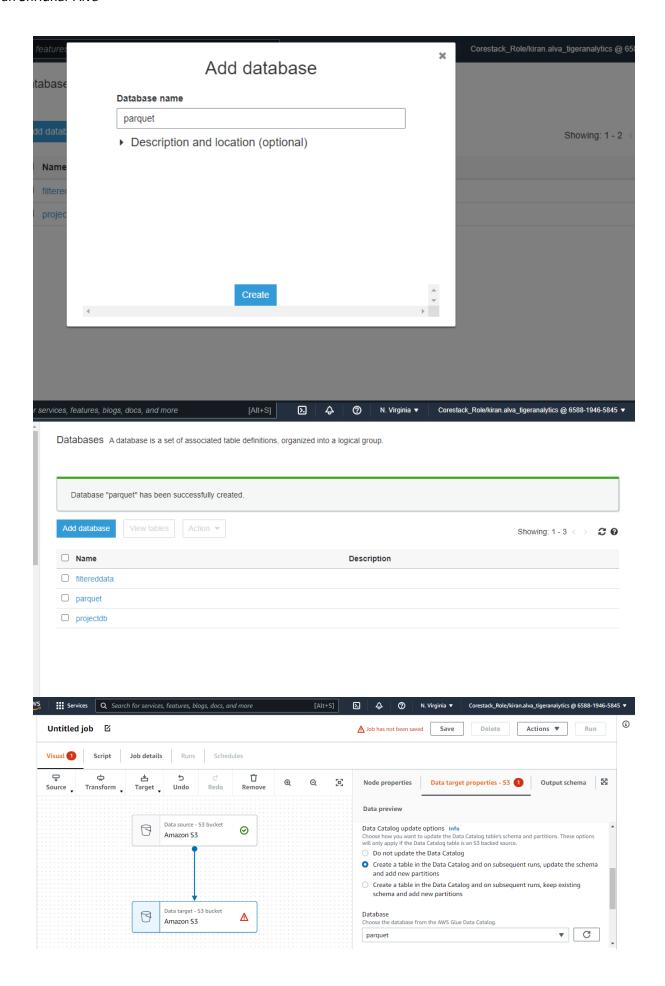


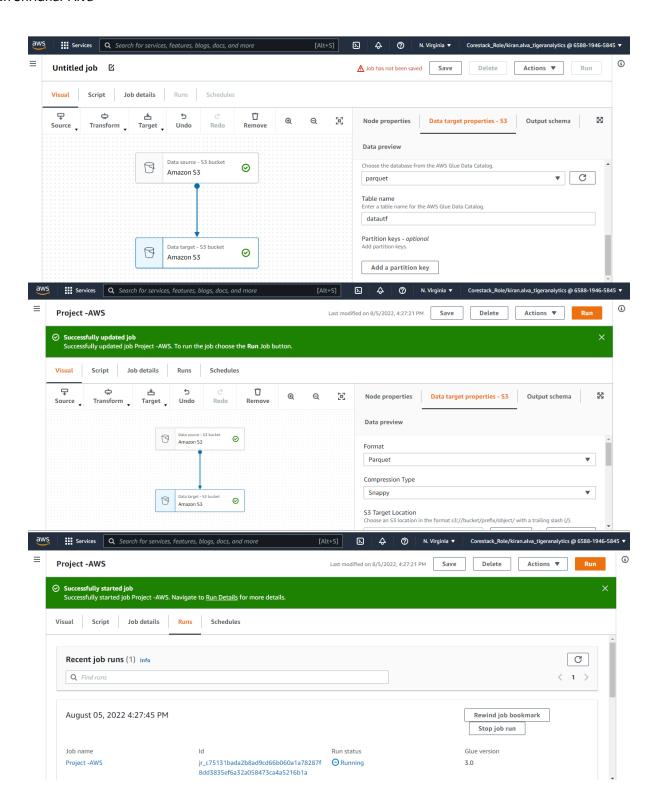
3. Create a Glue job to transform the data into the Parquet format as CSV is not optimal for data warehouse gueries



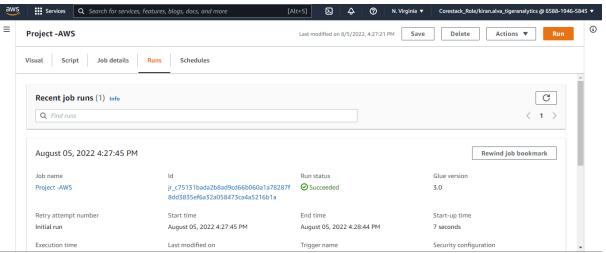


4. Add another crawler to crawl the Parquet data files to generate the metadata catalog of the Parquet file in order to query it with Athena

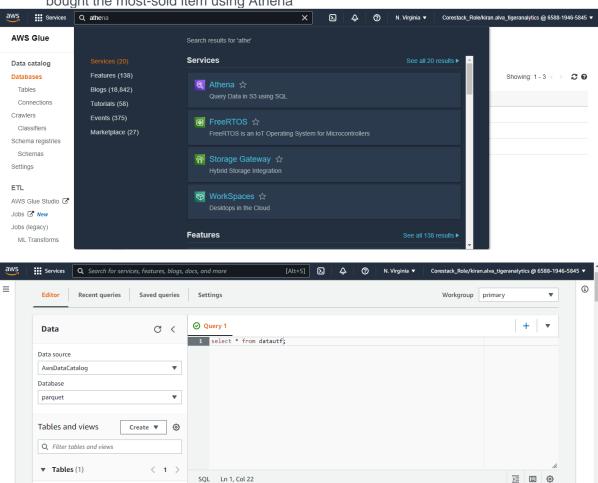




▼ Views (0)

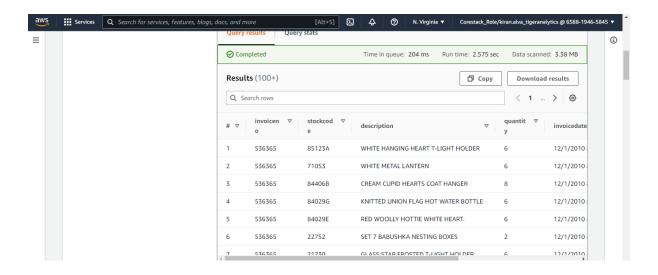


5. Query the data to identify the best-selling item and countries where customers have bought the most-sold item using Athena



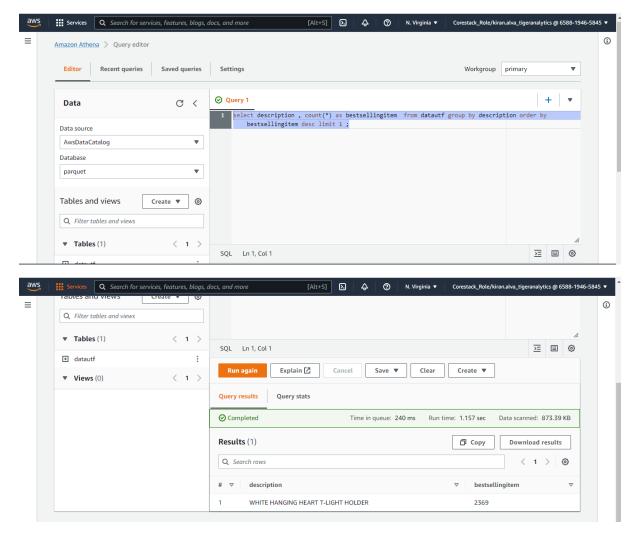
Explain 🖸

Save ▼ Clear Create ▼



Best Selling Item

select description , count(*) as bestsellingitem from datautf group by description order by bestsellingitem desc limit 1 ;



select description, country from datautf where description = (select description from datautf group by description order by count(*) desc limit 1);

