

Final Project Part B

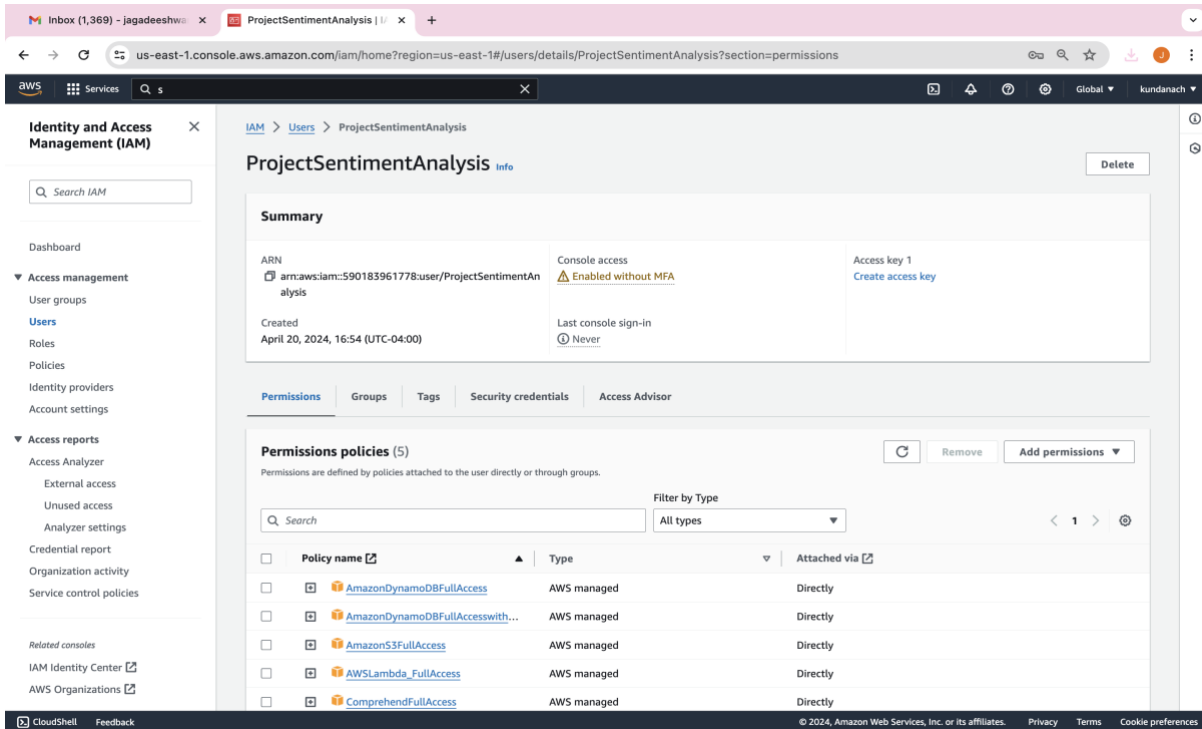
Group Details:

Jagadeeshwar Kalyanapu

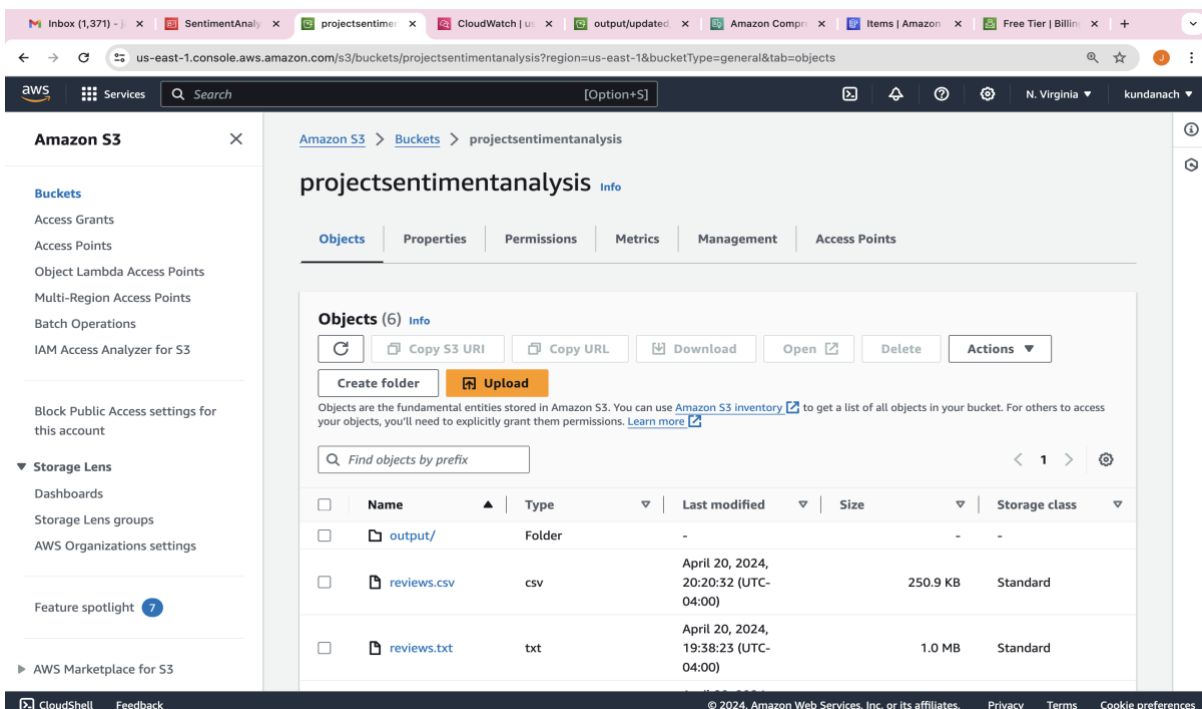
Kundana Chowdary Cherukuri

Swathi Kannetti Ramana Reddy

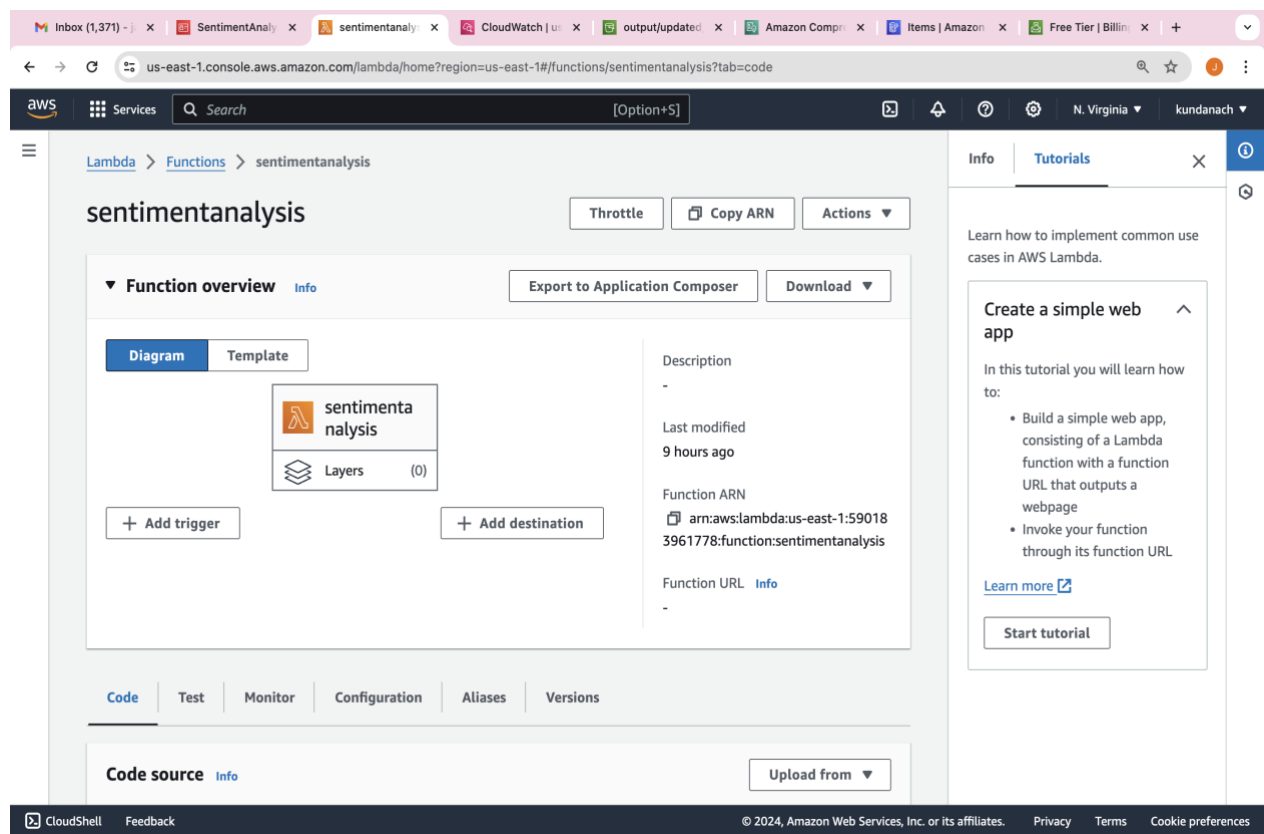
- 1) We have set up an IAM user and granted the necessary permissions to access the S3 bucket, Lambda Function, and Comprehend services.



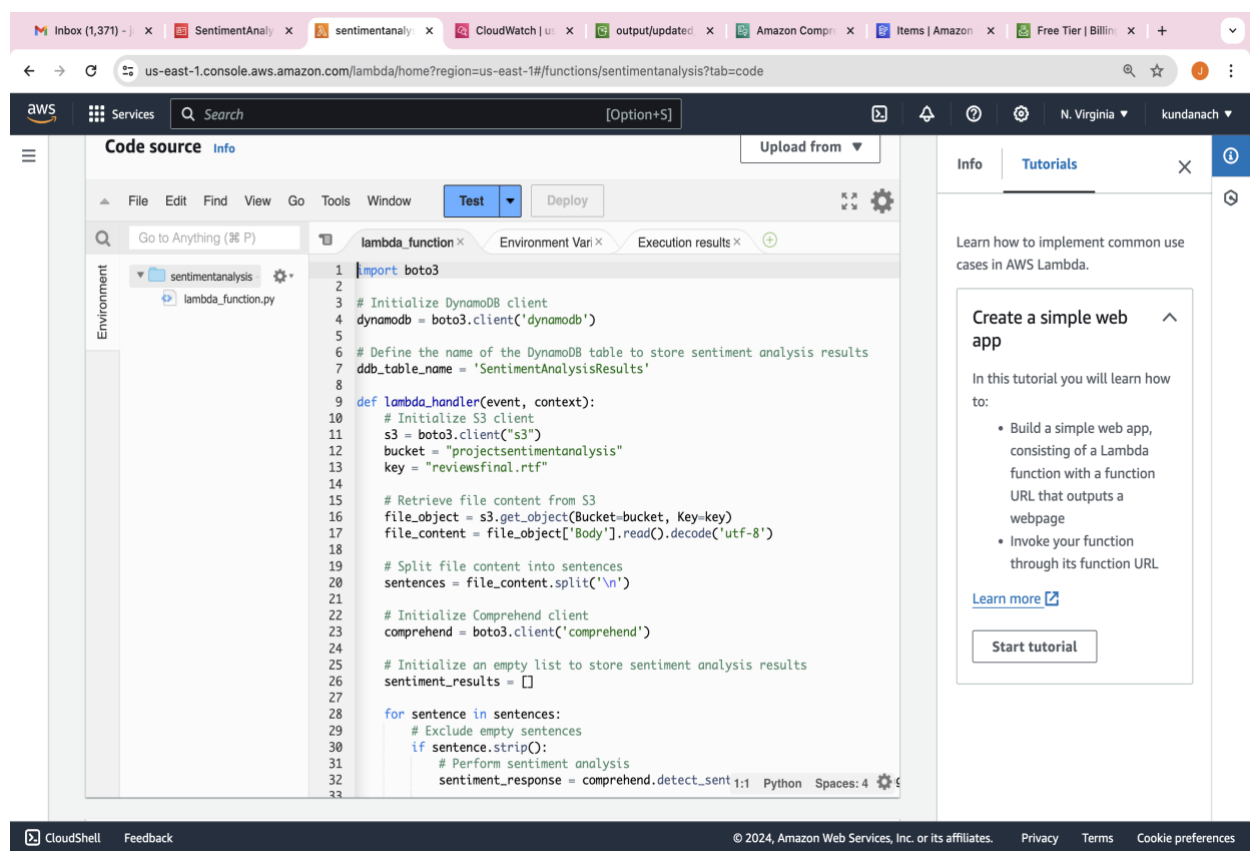
- 2) We've established an S3 bucket, configured access permissions for the user, and successfully loaded the data set.



3) We've crafted a Lambda Function, opting for Python as the programming language of choice.



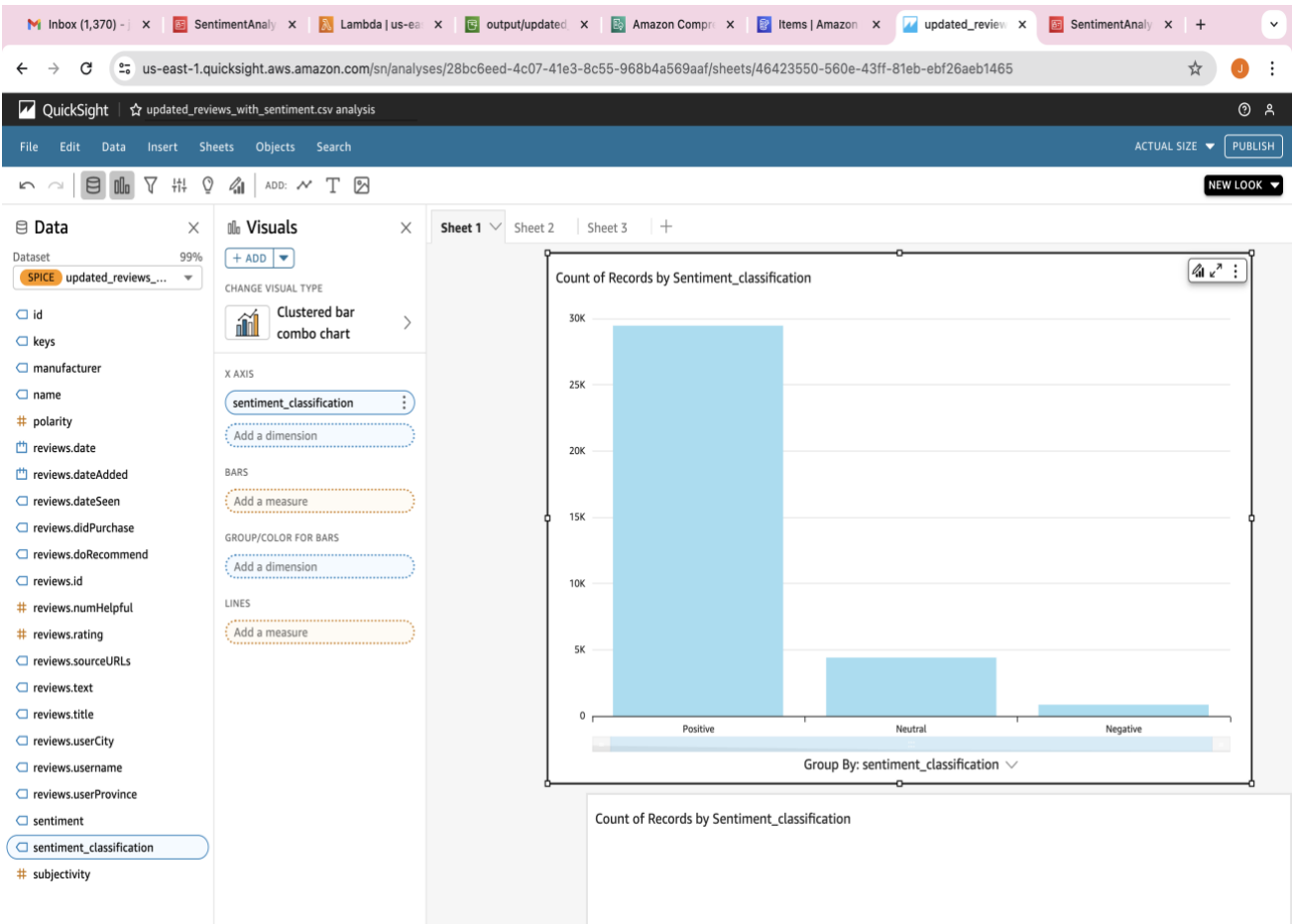
4) This is the script for the Lambda function designed to perform sentiment analysis.



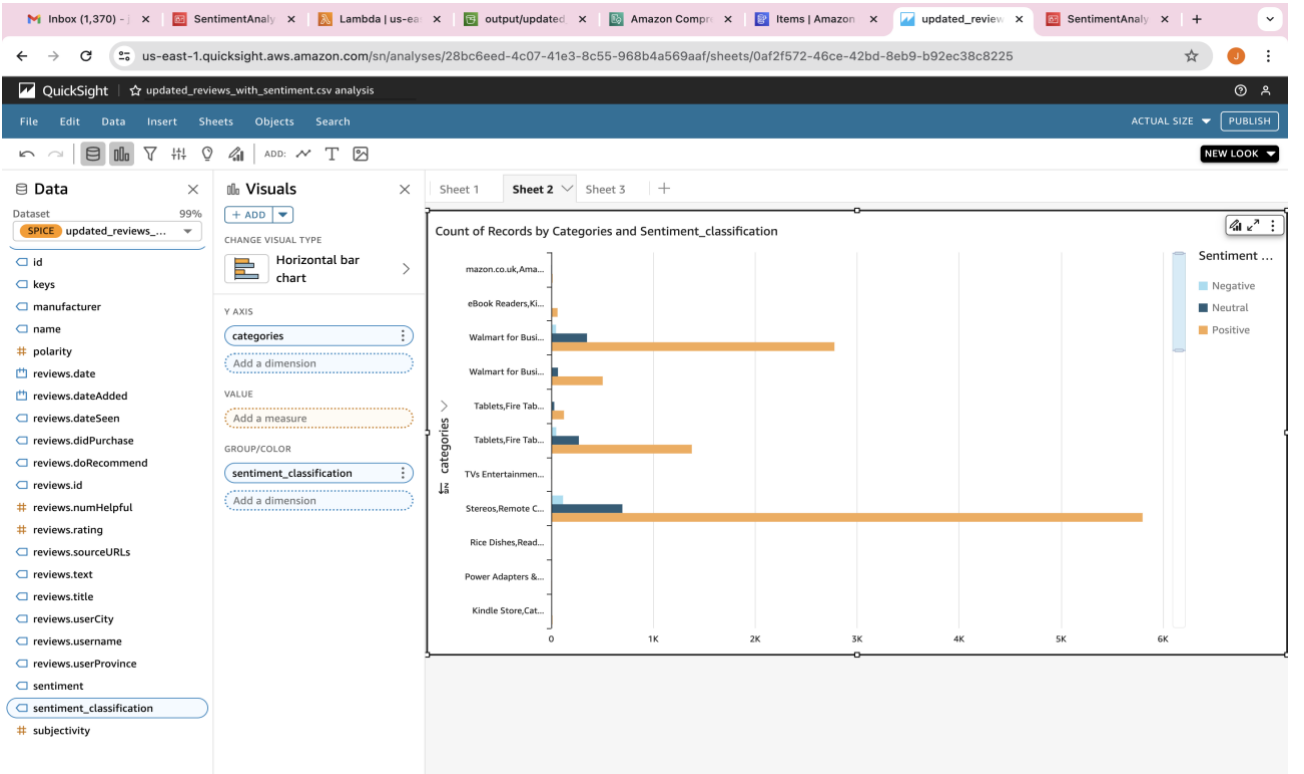
6) A job was initiated on AWS Comprehend to conduct sentiment analysis.

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7) The bar chart visualization from AWS QuickSight represents the sentiment analysis results, showing a predominance of positive sentiments within the dataset.

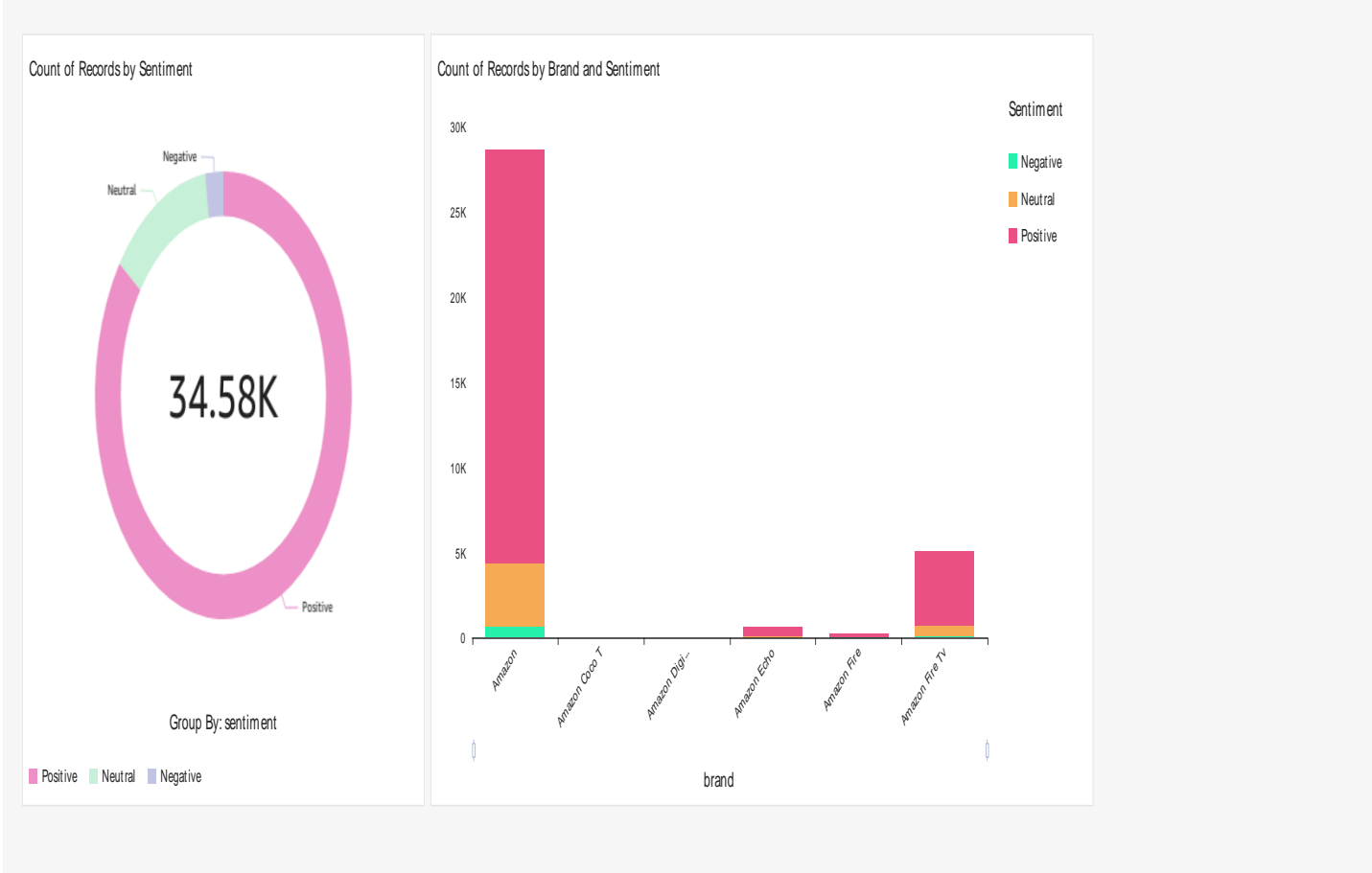


8) The horizontal bar chart in AWS QuickSight categorizes sentiment analysis results across various product categories, highlighting the distribution of positive, neutral, and negative sentiments for each category.



9)

The visualizations in AWS QuickSight show the distribution of customer sentiment overall and by individual brands, indicating a higher volume of positive feedback.



Thank you