AWS lambda and Python Task

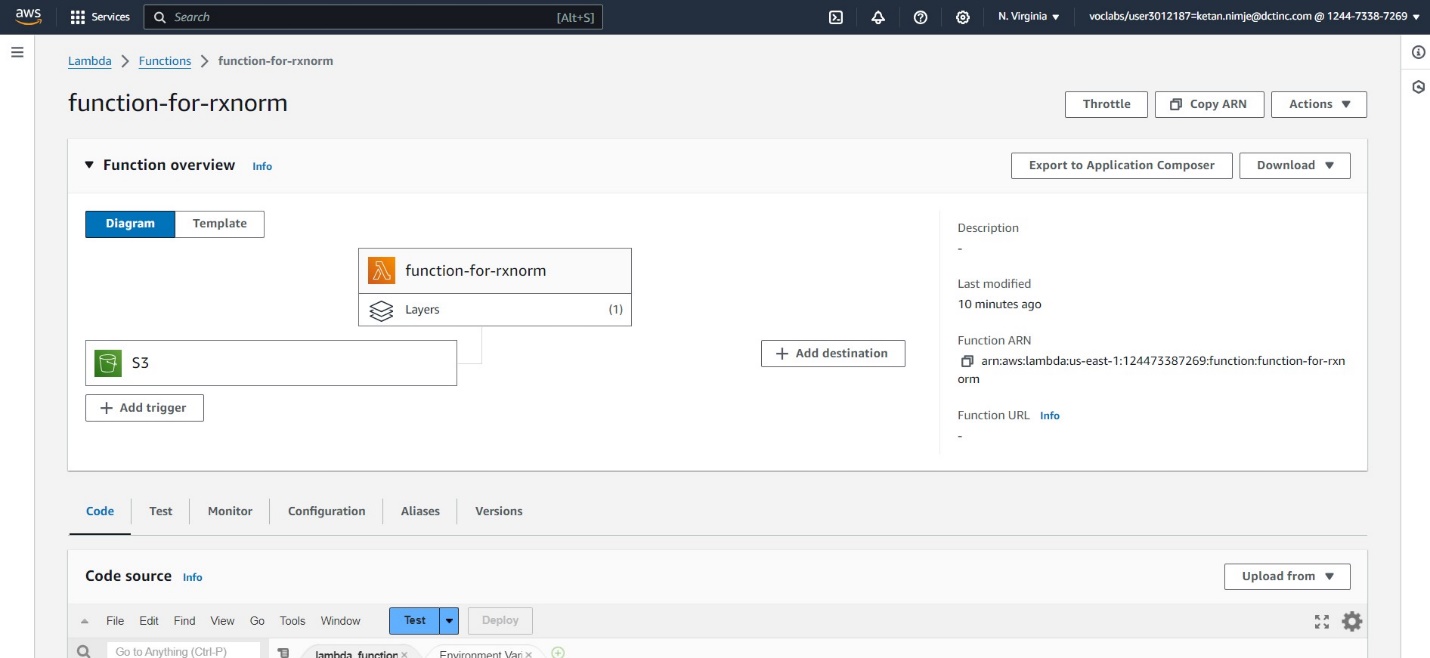
Work with RXNORM file,  Add header into each rff from RXNORM.xlsx

Add CODE\_SET & VERSION\_MONTH column with default values RxNorm and version month from downloaded filename

Convert dates into YYYY-MM-DD

Save files as txt delimited by comma(,)

Validate row\_count between original and converted files



Create lambda function for the files

A screenshot of a computer

Description automatically generated

Created two buckets – one as a origin bucket for zip file and another as a destination bucket for getting the csv files

A screenshot of a computer

Description automatically generated

Adding a layer of pandas to be able to import pandas in lambda function

A screenshot of a computer

Description automatically generated

Configuring the lambda function by increasing its memory and timeout time to handle huge datasets. 5 GB for memory and 10 mins

A screenshot of a computer

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This is the required output. All the files are in the destination bucket in csv format with the correct headers.

A screenshot of a computer

Description automatically generated

There are few changes in the start of the code as you can see in these 2 images. This is the lambda function code to provide solution for our problem statement.

A screenshot of a computer

Description automatically generated

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Below are the result sheets.

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