1. In order to complete this assignment, I utilized Amazon sagemaker. First I set up AWS EMR environment. This helped me create the ec2 instances and security groups needed to communicate with each other.

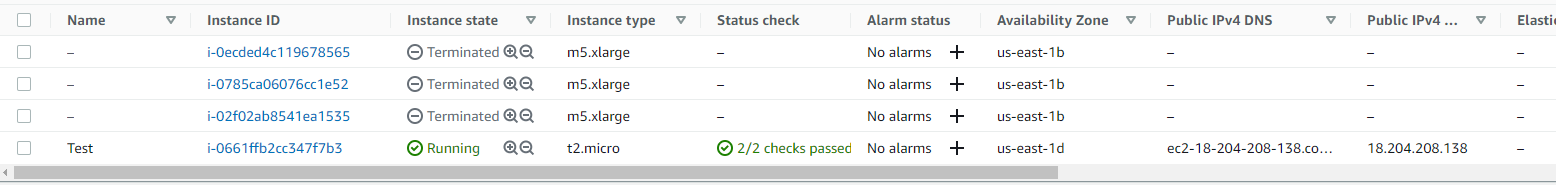
Graphical user interface, text, application

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EC2 Instances & Security Groups:

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1. Next, I created a sagemaker notebook which enabled me to write my python code in Jupyter notebook to train the model. I also created an S3 bucket to store the training and validation set.

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1. Once this was set up, I was able to write out my code to train my ML model. For this assignment, I decided to go with a random forest model.

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1. Next I set up a docker container on AWS to run the task of making the prediction. It is linked to an ECR.

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ECR Configs:

