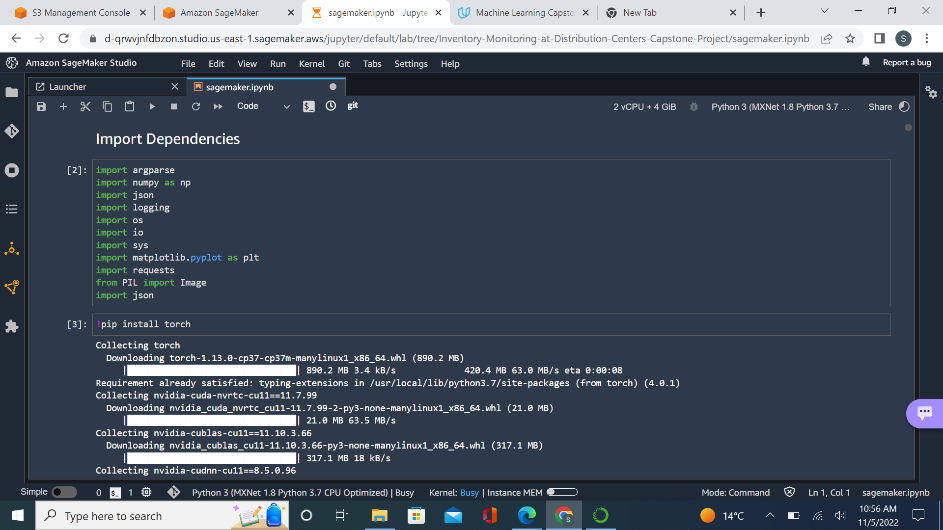
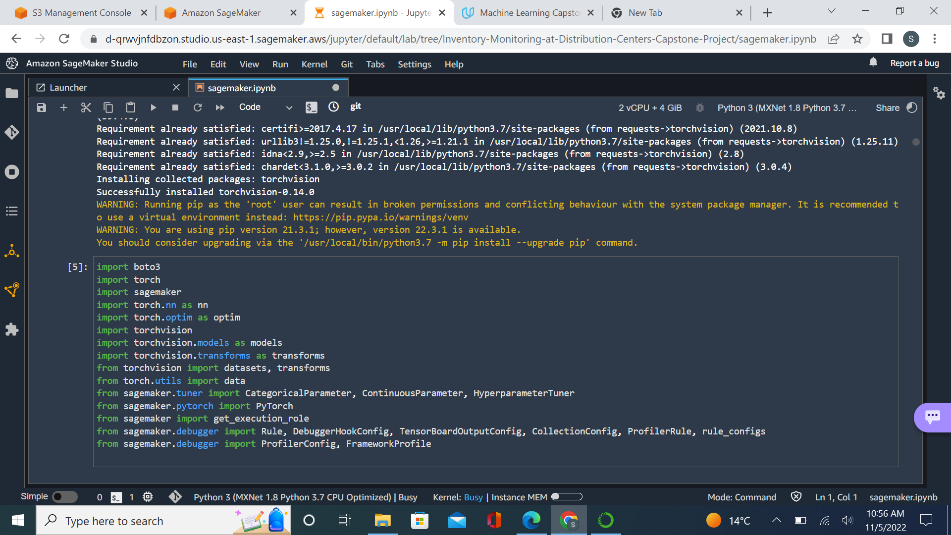
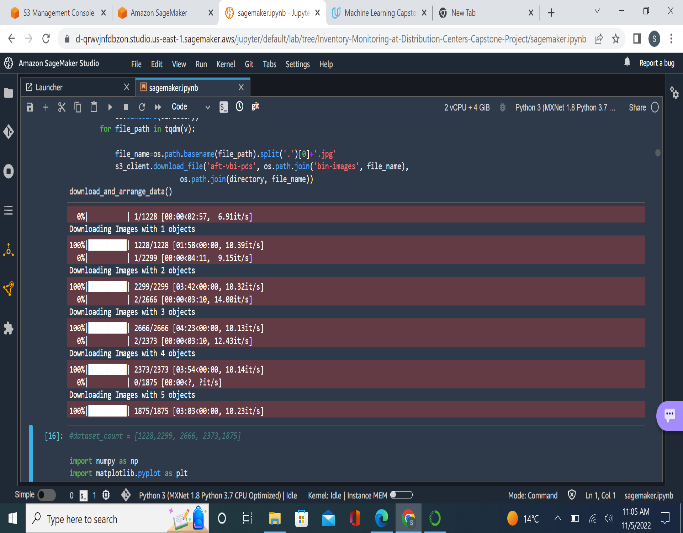
Initially I importing all the dependencies.





Then I am preparing the data.

A screenshot of a computer

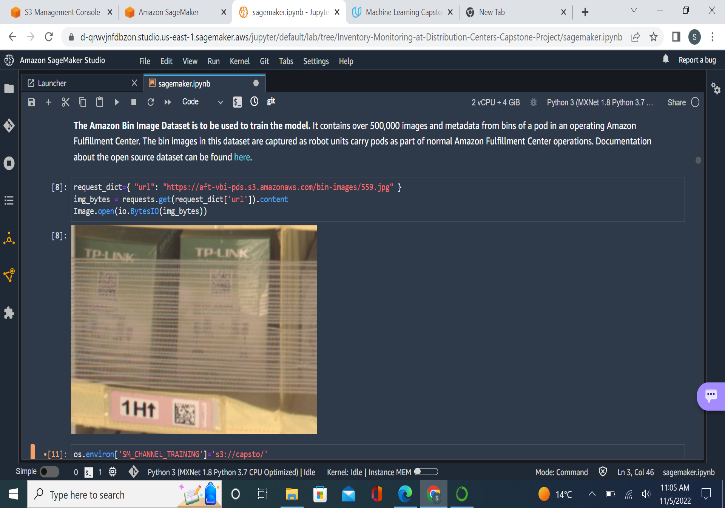
Description automatically generated

We visualized the data distribution.

A screenshot of a computer

Description automatically generated

This is the Amazon bin dataset Image.



I started tuning the hyperparameters and used fit for the tuner.

A screenshot of a computer

Description automatically generated

I got the best hyperparameters.

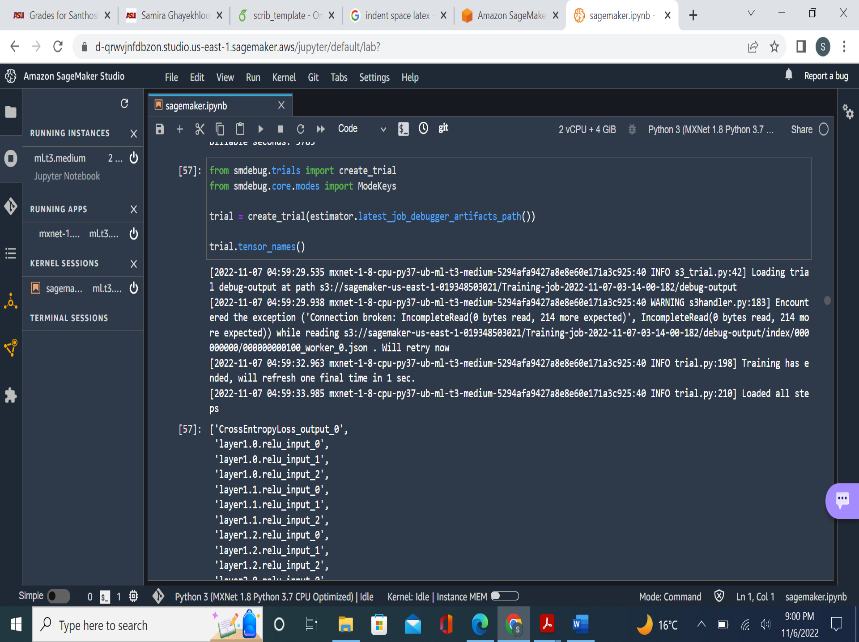
A screenshot of a computer

Description automatically generated

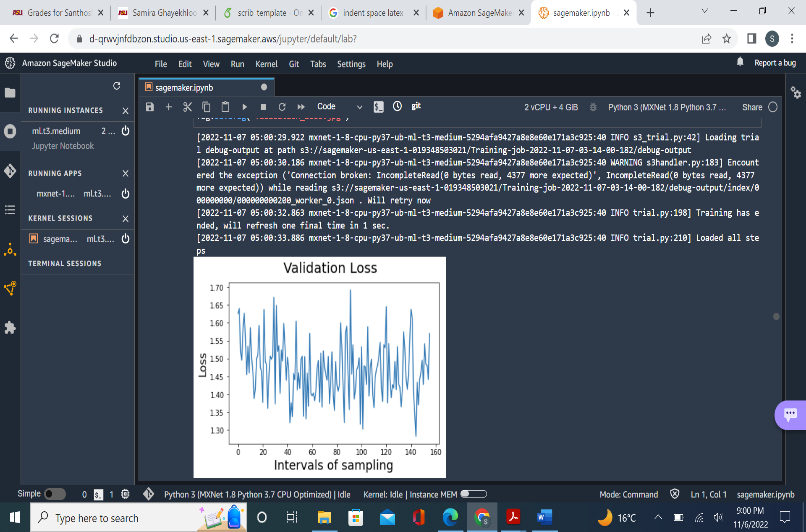
The I fit the estimator for training.

A screenshot of a computer

Description automatically generated



Validating Loss:



Cross Entropy output:

A screenshot of a computer

Description automatically generated with medium confidence

And finally fit the model for multi-instances.

