

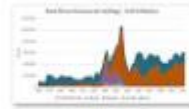
Problem Statement (Image Classification):

Built a MLP based image classification model to identify chart type of a new image.

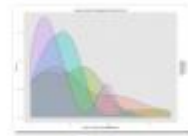
Area



area101.jpg



area102.jpg



area103.jpg



area104.jpg

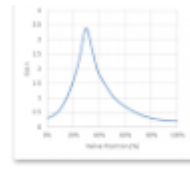


area105.jpg

Line



column1787.png



column1788.png



column1789.png



column1790.png



column1791.png

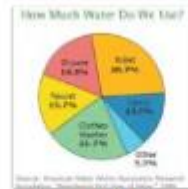
Pie



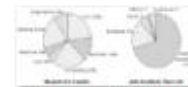
images127.jpg



images128.jpg



images133.jpg



images134.jpg



images135.jpg

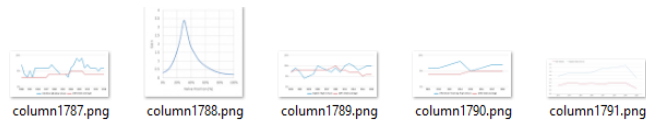
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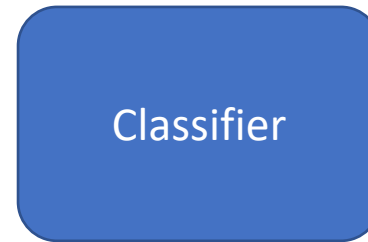
Area



Line



Pie



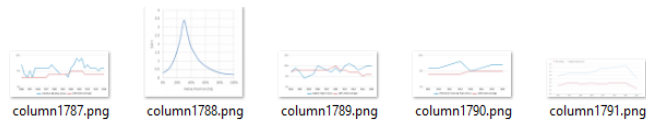
Problem Statement (Image Classification):

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Area



Line



Pie

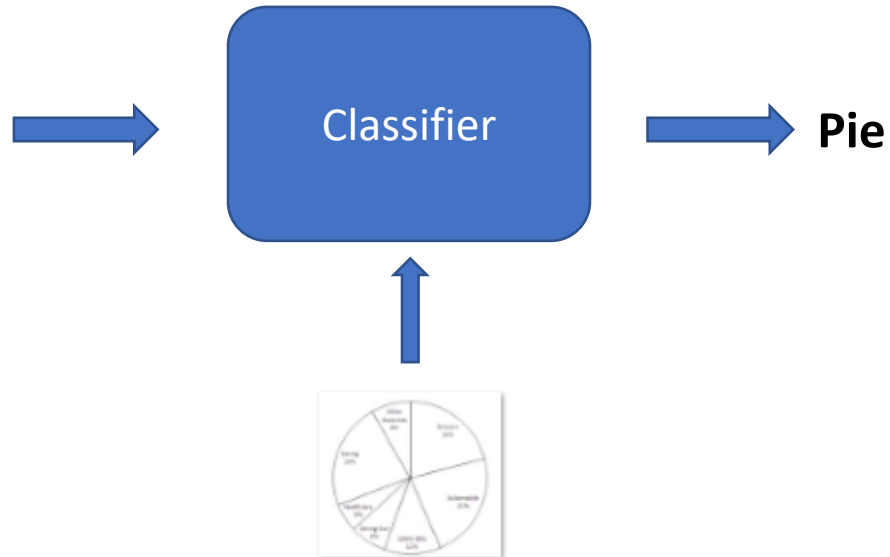


Image Classification with Tensorflow



Area



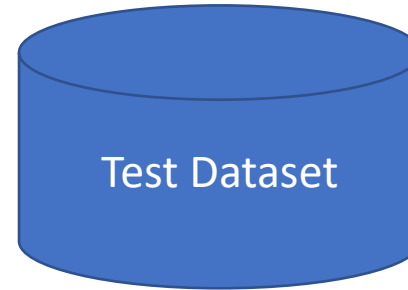
Line



Pie



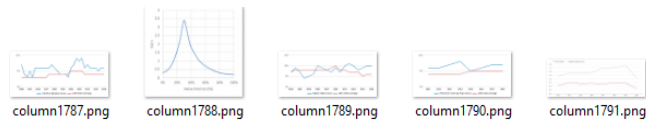
Image Classification with Tensorflow



Area



Line



Pie



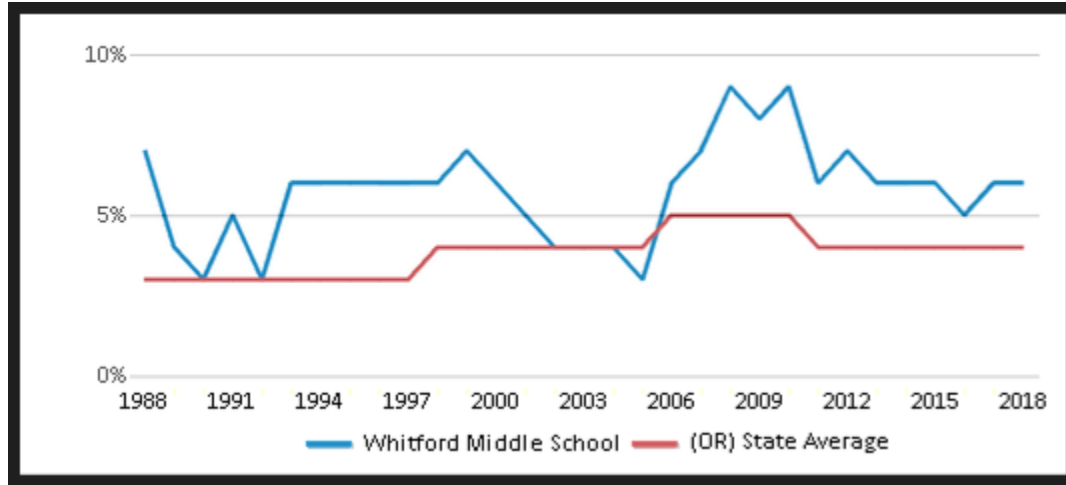
All these three datasets are labelled datasets.

Training dataset is used for building the models.

Validation dataset is used for evaluating the intermediate model, while building the model.

Testing dataset is used for evaluating the final model.

Convert an image to a vector



Let us say, a RGB image of 512x 1000. It should be converted to a vector of size 512x1000x3

