Week 1 (Progress Report)

1. CNN (Convolution Neural Network)

* Cats and Dogs

1. [Kaggle](https://www.kaggle.com/code/abdulrehmankaggle/cats-vs-dogs-cnn-spark) Notebook
2. Data [Visualise](https://www.kaggle.com/code/abdulbasitniazi/dogvscat-cnn-datavisualise/notebook)
3. [Guide](https://www.kaggle.com/code/durgancegaur/a-guide-to-any-classification-problem) to solve any classification problem
4. Classification with KNN:

* [Kaggle](https://www.kaggle.com/abdulrehmankaggle/classification-knn-spark-iitr/edit) Notebook (Diabetes Classification

Whether the Person will get Diabatic based

on Age, BMI, Blood Pressure, Insulin …9 parameters)

1. Classification with [SVM](https://www.kaggle.com/code/abdulrehmankaggle/image-classification-using-svm-92-accuracy/edit):

* Image Classification Using SVM
* <https://www.kaggle.com/code/abdulrehmankaggle/image-classification-using-svm-92-accuracy/edit>

1. [YOLO](https://www.kaggle.com/code/abdulrehmankaggle/yolo-v3-with-opencv-spark) (You only look once) v4:

* <https://www.kaggle.com/code/abdulrehmankaggle/yolo-v3-with-opencv-spark>

1. Open CV

* Document Scanner