***Classification Assignments***

1. **90 Animal classification:**

Identify 90 different animals using CNN’s using the dataset provided.

* Kaggle problem statement link : <https://www.kaggle.com/iamsouravbanerjee/animal-image-dataset-90-different-animals>.
* Colab link:

https://colab.research.google.com/drive/1UygriOJU6fVG82QMaVn2FzVBqo23jC9O

1. **Bank Marketing:**

* Classify if the customer will opt for bank marketing service or not.

1. **Fetal Health:**

* Kaggle problem statement link : https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification.
* In this dataset we have many columns of features so, we have to select best features on which our result is dependent.
* We have to classify health conditions on basis of different features.

1. **Income level:**

* Predict income level of people based on features provided.

1. **MIT indoor scene classification**:

* Classify outdoor scenes using CNN’s using the dataset provided.

1. **Mushroom classification**:

* Kaggle problem statement link : <https://www.kaggle.com/datasets/uciml/mushroom-classification>
* The problem is little bit straight forward regarding classification. We have to classify is mushroom poisonous or not on basis of different features.

1. **PIMA diabetes**:

* Classify if a patient might be diabetic or not.

1. **Telco Customer Churn**:

* Classify if the customer will be churned or not based on featured provided.