**Regression:** <https://archive.ics.uci.edu/ml/datasets/Individual+household+electric+power+consumption>

**Classification:**

<https://archive.ics.uci.edu/ml/datasets/Census+Income>

1. Data ingestion
2. EDA
3. Pre-processing

Pickling for the pre-processing object (save the pre-processing model)

After pre-processing you have to store data inside **MONGODB**

**You have to load the data from mongo db**

1. Model

**Regression**: linear regression, ridge regression, lasso regression, elastic net, support vector regression

**Classification**: logistic regression, SVM (kernel)

**Hyperparameter tuning is mandatory (GRID SEARCH CV)**

1. Evaluation of the model

Regression evaluation matrix: R2 and adjusted R2

Classification confusion matrix, ROC AUC score

**Submission form link:** <https://forms.gle/2PJSSCmL9S865nwe8>

**Deadline till Saturday 12AM IST**

**USE IDE: jupyter notebook**