

20181CSE0621 Date Page ____ have some free to use datasets from Kaggle, UCI machine learning repository of so on which can be used.

Data Pere Processing: It is the process of cleaning new data. The data is not feasible for analysis and hence we clean it to get insights. The various process are filling labelling. Operations done are: - Felling mill values - Outlier handling - Data Wrangling - Data Wrangling.

3) Researching the model to be used:
As we have the clean data we

use the data to first decide what task needs

to be done i.e. Supervised, unsupervised or Seinfacement learning.

9 I the output is continous we use the Segression model. Like: Linear Regression Polynamial Regression

Polynomial Regression GLM etc. If the output is categorical we use the classification model like: KNN

Decision to ea

Decision tree

Random Forest etc.

Unsupervised techniques like K-means, fungry e-means are also used.

Training & testing the model:

The training of model involves applying the selected model onto training dataset to make the model familier with features.

201810550621 Saikam. The testing is performed in order to check what kind of behaviour the model has with unseen data. 5) Evaluation: We have this stage to know how will the model is performing. We evaluate the model based on metrics like x^2 , adj. x^2 . Confusion matrix and so on