

Data Preprocessing

Lab Assignment1

1. Download the data from here

https://github.com/tarunlnmiit/machine_learning/blob/master/DataPreprocessing.csv

Perform the following operations on this dataset:

- i. Importing the libraries required for preprocessing from sklearn.
- ii. Importing the Dataset from the above link.
- iii. Use the necessary function to handling the missing data
- iv. Perform data visualizations using matplotlib or seaborn libraries.
- v. Use the necessary function for handling of categorical data if any.
- vi. Splitting the dataset into training and testing datasets
- vii. Perform feature Scaling.

2. Perform data pre-processing on movie_metadata.csv file. (You can download the dataset from the shared datasets folder on Google drive of your class.)

Perform the following operations on this dataset:

- i. Importing the libraries required for pre-processing from sklearn.
- ii. Importing the Dataset from the above link.
- iii. Use the necessary function to handling the missing data
- iv. Perform data visualizations using matplotlib or seaborn libraries.
- v. Use the necessary function for handling of categorical data if any.
- vi. Splitting the dataset into training and testing datasets
- vii. Perform feature Scaling.