| Pre processing | | EDA | |
| --- | --- | --- | --- |
| DS | DMBI | DS | DMBI |
| [Car Features and MSRP | Kaggle](https://www.kaggle.com/CooperUnion/cardataset) | [Bengaluru House price data | Kaggle](https://www.kaggle.com/amitabhajoy/bengaluru-house-price-data) | [Car Features and MSRP | Kaggle](https://www.kaggle.com/CooperUnion/cardataset) | [Bengaluru House price data | Kaggle](https://www.kaggle.com/amitabhajoy/bengaluru-house-price-data) |
| [ISTE-VESIT-ORG/Machinera-2020: This is an AI Series where we will cover Machine Learning and Deep Learning topics from the very basics. (github.com)](https://github.com/ISTE-VESIT-ORG/Machinera-2020)  [jamesbabu010/exploratory-data-analysis-of-cars-dataset - Jovian](https://jovian.ai/jamesbabu010/exploratory-data-analysis-of-cars-dataset) | [Bengaluru-data-preprocessing/bengaluru-data-preprocessing.ipynb at master · AnushkaBhadra1551/Bengaluru-data-preprocessing (github.com)](https://github.com/AnushkaBhadra1551/Bengaluru-data-preprocessing/blob/master/bengaluru-data-preprocessing.ipynb) | [ISTE-VESIT-ORG/Machinera-2020: This is an AI Series where we will cover Machine Learning and Deep Learning topics from the very basics. (github.com)](https://github.com/ISTE-VESIT-ORG/Machinera-2020) | [Bengaluru-data-preprocessing/bengaluru-data-preprocessing.ipynb at master · AnushkaBhadra1551/Bengaluru-data-preprocessing (github.com)](https://github.com/AnushkaBhadra1551/Bengaluru-data-preprocessing/blob/master/bengaluru-data-preprocessing.ipynb) |

| Classification | | Regression | |
| --- | --- | --- | --- |
| DS | DMBI | DS | DMBI |
| <https://www.kaggle.com/d4rklucif3r/social-network-ads> | [Loan Data | Kaggle](https://www.kaggle.com/itssuru/loan-data) | [Boston housing dataset | Kaggle](https://www.kaggle.com/altavish/boston-housing-dataset) | [USA Housing | Kaggle](https://www.kaggle.com/gopalchettri/usa-housing) |
| [ISTE-VESIT-ORG/Machinera-2020: This is an AI Series where we will cover Machine Learning and Deep Learning topics from the very basics. (github.com)](https://github.com/ISTE-VESIT-ORG/Machinera-2020) | [Machine-Learning-with-Python/DecisionTrees\_RandomForest\_Classification.ipynb at master · tirthajyoti/Machine-Learning-with-Python (github.com)](https://github.com/tirthajyoti/Machine-Learning-with-Python/blob/master/Classification/DecisionTrees_RandomForest_Classification.ipynb) | [ISTE-VESIT-ORG/Machinera-2020: This is an AI Series where we will cover Machine Learning and Deep Learning topics from the very basics. (github.com)](https://github.com/ISTE-VESIT-ORG/Machinera-2020)   [Multiple Linear Regression by Hand (Step-by-Step) - Statology](https://www.statology.org/multiple-linear-regression-by-hand/) | [Machine-Learning-with-Python/Linear\_Regression\_Practice.ipynb at master · tirthajyoti/Machine-Learning-with-Python (github.com)](https://github.com/tirthajyoti/Machine-Learning-with-Python/blob/master/Regression/Linear_Regression_Practice.ipynb) |

| Clustering | | Association mining | |
| --- | --- | --- | --- |
| DS | DMBI | DS | DMBI |
| [College data | Kaggle](https://www.kaggle.com/faressayah/college-data) | [Mall customers | Kaggle](https://www.kaggle.com/kandij/mall-customers) | <https://www.kaggle.com/datasets/rounakbanik/the-movies-dataset> | <https://www.biz.uiowa.edu/faculty/jledolter/DataMining/lastfm.csv> |
| [Machine-Learning-with-Python/K\_Means\_Clustering\_Practice.ipynb at master · tirthajyoti/Machine-Learning-with-Python (github.com)](https://github.com/tirthajyoti/Machine-Learning-with-Python/blob/master/Clustering-Dimensionality-Reduction/K_Means_Clustering_Practice.ipynb) | [ISTE-VESIT-ORG/Machinera-2020: This is an AI Series where we will cover Machine Learning and Deep Learning topics from the very basics. (github.com)](https://github.com/ISTE-VESIT-ORG/Machinera-2020)    [K-Means clustering with Mall Customer Segmentation - Analytics Vidhya](https://www.analyticsvidhya.com/blog/2021/05/k-means-clustering-with-mall-customer-segmentation-data-full-detailed-code-and-explanation/) | <https://www.kaggle.com/code/ankits29/movie-recommendation-with-ml-apriori-explained/notebook> | [Association Rule Mining for Lastfm using Python | Kaggle](https://www.kaggle.com/ashishpatel26/association-rule-mining-for-lastfm-using-python) |

**Final project:**

DS

[Netflix\_titles | Kaggle](https://www.kaggle.com/mahmoudtaya/netflix-titles)

[Netflix Recommendation Engine | Kaggle](https://www.kaggle.com/eward96/netflix-recommendation-engine/notebook)

DMBI

<https://www.kaggle.com/shivam2503/diamonds>

[Diamond Price Prediction | Kaggle](https://www.kaggle.com/karnikakapoor/diamond-price-prediction/notebook)