

ML Projects List

DATASET	Problem Statement	Code
Regression		
HouseSalesPred Data	To Predict House Sale prices	1 2 3 4 5 6 7
Advertising	To Predict Sales	1
Boston Housing Dataset	To Predict Price	1
Goods Sales Dataset	To Predict Item_Outlet_Sales	1
New York City Airbnb Open	New York City Airbnb Open Data	
Black Friday	Build a model to predict the purchase amount of customer against various products which will help them to create personalized offer for customers against different products.	1 2 3 4 5 6
Red Wine Quality	Red Wine Quality	
Big Mart Sales	Big Mart Sales	1 2
Million Song Dataset		
Predict Number of Upvotes	Predict Number of Upvotes	1
Classification		
human_cell_samples	Classify Human Cell for cancer	1
CustomerChurnData	Telecommunications data for predicting customer churn.	1
IRIS Dataset	To Classify Flowers	1
Telecom_Customer	Classify to the four customer groups	1
Breast Cancer	Classify breast_cancer	1 2
Patients_data	Classify Drugs for patients	1
Loan Prediction	Predict whether Customer will pay loan	1 2 3 4
Red Wine Quality		
Human Activity Recognition	Predict the activity category of a human.	
Trip History Dataset	Predict the class of user.	1
Census Income Dataset		1
Urban Sound Classification	Classify the type of sound from the audio.	1
Chicago Crime Dataset	Predict the type of crime.	1
HR Analytics	Predictive analytics in identifying the employees most likely to get promoted	1
Credit Fraud Detector	Detecting whether a transaction is a normal payment or a fraud.	1
Clustering		
Customer_clust	Customer Segmentation with K-Means	Kmeans
Environment_canada_weath	Cluster Cities Based on Weather- MAP	DBSCAN
Turkiye Student Evaluation	Group the students based on the similarity of their answers on the survey.	Clustering
Wholesale customers data	Wholesale Customer Segmentation : The aim of this problem is to segment the clients of a wholesale distributor based on their annual spending on diverse product categories, like milk, grocery, region, etc.	1
cars_clust	To find the most distinctive clusters of vehicles	1
Dimensionality Reduction		
Boston		MyWork AV
MNIST		1 2 MNIST
	Tsne	AV 2
	Master Dimensionality Reduction with these 5 Must-Know Applications of Singular Value Decomposition (SVD) in Data Science	AV

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Santander Value Prediction	Santander Value Prediction	Kaggle
Recommendation System		
moviedataset	Predict movies that an arbitrarily selected user might like.	DL_RBM
moviedataset	Predict movies that an arbitrarily selected user might like.	1
moviedataset	Predict movies that an arbitrarily selected user might like.	1
Million Song Dataset	Million Song	1
Movie Lens Dataset	Recommend new movies to users.	1
Recommendation Engine Dataset	Predict the time taken to solve a problem given the current status of the user.	1 2Code
Scrapping		
AV	AV	AV
	How To Crawl A Web Page with Scrapy and Python 3	
	Making Web Crawlers Using Scrapy for Python	
IMBD	Latest Movie Posters from IMBD	1
Wikipedia	Based on a particular word extract info from Wikipedia and find frequency of each words except stop words	1
	Building a Web Scraper from start to finish	
	Web scraping with Python	
Youtube	Scraping YouTube Data using Python and Selenium to Classify Videos	AV
Website	Extracting and Analyzing 1000 Basketball Games using Pandas and Chartify	
NLP		
Text Mining Dataset	Classify the documents according to their labels.	
Joke Rating Prediction Challenge	Is this joke funny? Can you predict the crowdsourced rating of a joke using the just the joke text?	
	Whether a particular hashtag is Positive or negative in Current Trends	1
Twitter Classification Dataset	Identify the tweets which are hate tweets and which are not	Code 2
Identify the Sentiments	Identify the Sentiments	myWork
	NLP Essentials: Removing Stopwords and Performing Text Normalization	1 2 3
Dialogue Lines of The Simpsons		Kaggle
	Hitchhiker's Guide to NLP with spaCy	KAggle
Time Seires		
multiple data sources	everything-you-can-do-with-a-time-series	Kaggle
S&P 500 stock data	s-p-500-time-series-forecasting-with-prophet	Kaggle
Time Series Analysis Dataset	Predict the traffic on a new mode of transport.	1
Course	Creating Time Series Forecast using Python	AV
Food Demand Forecasting Challenge	Help a food delivery business in forecasting the food demand for the upcoming weeks so that we can plan the stock of raw materials.	AV
Air Quality Task	Predict Relative Humidity of a given point of time based on the all other attributes affecting the change in RH	Task