Dristanta Das

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Social Network ———

in dasdristanta13

○ dasdristanta13

Languages ———

Python   R

Systems ———

Docker   CVAT   MySQL   Neo4J

Python Modules ——

Numpy   Pandas   Matplotlib

TorchAudio   Pytorch   Scikit-learn

Machine Learning –

Regression   Classification

Cross-validation   Naive Bayes

Dimensionality Reduction   K-Means

Decision Tree   Scikit-learn

Boosting

Deep Learning ———

Multilayer Perceptron   CNN   RNN

LSTM   Transfer Learning

Experience

Aug,21'–	● **Summer Project Intern**	**IITKGP**
	Under the guidance of professor C.S Kumar ,Mechanical Engineering	

Project

● **Machine Learning**

Feb–June,21'	● **2.5D Visual Sound** ⤤
	Implemented a deep learning model to convert common monaural audio into binaural audio by leveraging video.

● **Computer Vision**

Feb,21'	● **Hybrid Image Formation** ⤤
	Hybrid images are images with two interpretation.The interpretation changes with viewing distance.
Mar,21'	● **Harris Corner Detection and SIFT** ⤤
	The Harris Corner detector is a standard technique for locating interest points on an image.

● **Natural Language Processing**

Oct–Nov,21'	● **Topic modelling of NLP related Github repositories** ⤤
	Used the GitHub API to return popular NLP-related repositories, then used spaCy and other NLP libraries to analyze the GitHub descriptions. In this way, we can attempt to get a sense of how NLP libraries are being used
Nov–Dec,21'	● **Resume Analysis with Spacy** ⤤
	Made a resume scoring system using Spacy.

● **Exploratory Data Analysis**

Sept–Dec,20'	● **Zomato Restaurants Data** ⤤
	Analyzed the best restaurants of the cities all around India.
Nov–Dec,20'	● **Player Data of FIFA21 Game** ⤤
	Analyzed the best players and their performance stats.

● **Statistical Data Analysis**

Mar–Apr,21'	● **Bankruptcy Data** ⤤
	Analyzed the Bankruptcy data and drew inference out of it. Used LDA to discriminate the bankrupt and non-bankrupt firms.

● **Time Series Forecasting**

Oct–Nov,21'	● **Stock Price Forecasting** ⤤
	Forecast of stock prices of four different countries.Nifty 50, Dax, Dow Jones and Nikkei are the stock data of the countries, India, Germany, USA and Japan accordingly.

Education

2020-Present	**M.Sc. in Big Data Analytics**	RKMVERI
	CGPA: 7.54[Till Sem 2]	
2017–2020	**B.Sc. in Mathematics**	Presidency University
	CGPA: 7.05	
2015–2017	**Higher Secondary**	Jodhpur Park Boys' School
	Marks: 84.2%	
2005–2015	**Secondary**	Jodhpur Park Boys' School
	Marks: 85.6%	