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   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.

Apr,21'
- **Hough Line and Circle Detector** ⌤

May,21'
- **Fundamental Matrix using RANSAC** ⌤
The objective of this project was to improve upon image matching by leveraging epipolar geometry of a stereo image pair while applying RANSAC to reject poorly matched feature points.

- **Exploratory Data Analysis**

Sept–Dec,20'
- **Zomato Restaurants Data** ⌤
Analyzed the best restaurants of the cities all around India.

Nov,20'–
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.

Education

2020-Present   **M.Sc. in Big Data Analytics**   RKMVERI
GPA: 7.67

Courses

- **Machine Learning**
- **Multivariate Statistics**
- **Optimisation for Machine Learning**
- **Probability and Stochastic Process**
- **Artificial Intelligence**
- **Online Learning**
- **Optimisation Algorithm**
- **Computer Vision**
- **Linear Algebra**
- **Data Structure and Algorithm**
- **Time Series and Survival Analysis**
- **Data Mining**

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%