BIDIT SADHUKHAN

Pursuing MSc. Big Data Analytics

@ sadhukhanbidit@gmail.com 📞 (+91) 6291093502 🔗 https://biditsadhukhan.netlify.app/
in https://www.linkedin.com/in/biditsadhukhan/ ⌨ https://github.com/biditsadhukhan

COMPLETED PROJECTS

MNIST HAND WRITTEN DIGIT CLASSIFICATION USING K-NEAREST NEIGHBOUR FROM SCRATCH, under the supervision of Dr. Soumitra Samanta, RKMVERI
Machine Learning

📅 August 2023 - June 2023

Trained a single layer Perceptron algorithm to find a linear separator for a linearly separable dataunder the supervision of Dr Soumitra Samanta, RKMVERI. ⌨
Machine Learning

📅 March-2023

RIVER AND NON-RIVER AREA DETECTION USING NAIVE BAYES AND K-MEANS ALGORITHM SEPARATELY FROM SCRATCH, under the supervision of Dr.Soumitra Samanta, RKMVERI. ⌨
Machine Learning

📅 May 2023

- Collected the data from https://www.isical.ac.in/ murthy/ as 4 .gif files
- Used Naive Bayes algorithm and K-Means to detect the areas correctly

Applications of Principal Component Analysis, under the guidance of Prof. Durba Bhattacharya, St. Xavier's College Kolkata. ⌨
Statistics

📅 January 2020 - December 2020

- Doing this work as dissertation for final year of hons,PCA: Dimensionality reduction technique for data visualization, feature selection, noise reduction, compression, outlier detection, and data preprocessing.

A Case Study on ANALYSIS OF CHURNING CUSTOMERS OF A TELECOM COMPANY (EDA) under the supervision of Dr Sudeep Mallick, RKMVERI. ⌨
Exploratory Data Analysis

📅 October 2022 - January 2023

- Used R-studio for analysis.

Quantifying Myself, under the supervision of Dr Sudipta Das, RKMVERI. ⌨
Exploratory Data Analysis, Statistics

📅 October 2022 - January 2023

- Used R-studio for analysis.

EDUCATION

M.Sc. in Big Data Analytics
RKMVERI

📅 Sept 2022 – July 2024

B.Sc. in Statistics Hons.
St. Xavier's College, Kolkata

📅 Jul 2018 – July 2021   67.5%

Higher Secondary
Chandannagar Sri Aurobindo Vidya Mandir

📅 March 2016 – Jun 2018   92.00%

Madhyamik
Chandannagar Sri Aurobindo Vidya Mandir

📅 March 2006 – Jun 2016   95.0%

TOOLS

Python R MySQL Neo4j OrientDB Apache Spark Apache Hadoop Excel Minitab LaTex OpenCV Matplotlib Pytorch Scikit-Learn Numpy Pandas

SKILLS

Machine learning
Time Series and Survival Analysis
Computer Vision Statistical Inference
Natural Language Processing
Optimisation For Machine Learning
Distributive Computing

COURSEWORK

- Probability and Stochastic Process
- Machine Learning
- Time Series & Survival Analysis
- Big Data Handling
- Computer Vision
- Programming for Data Science

COMPLETED PROJECTS

Object Tracking using Open-CV, under the supervision of Prof. Bhabatosh Chanda, Indian Statistical Institute, Electronics and Communication Sciences Unit.

Computer Vision

📅 March 2023 - June 2023

- Used Python-OpenCV package for the work.

ACHIEVEMENTS

- Qualified **JEE-Advanced 2018**
- **Best Content writer** in English Literary Society, 2018
- **Inspire Scholarship** in 2018
- **Sudeshna Pal Memorial Award of SAVM** 2015
- **Best presenter award** Science Exhibition in 2015.
- **Best project work** Science exhibition in 2014 and 2016.
- **Second prize in NABARD** Quiz competition. 2015

RESPONSIBILITY

- **Treasurer**– Perceptron, 2022-2024 Inaugural Technical fest of RKMVERI, West Bengal
- **Organising Committee Member** at Epsilon Delta - Annual fest of Statistics Dept., SXC Kolkata
- Member of the National Social Service Scheme, India , 2018-2021