

Sourav Karmakar



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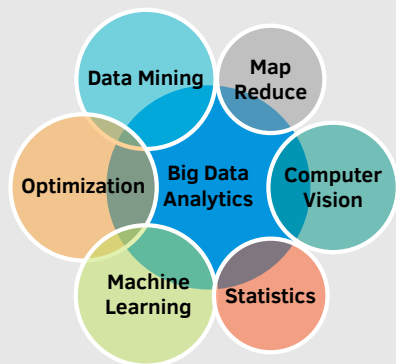
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Sourav89068

Course Skills —

Overview



Programming and technical strength

Python • MySQL • R • C • Html-Css

Linux • Hadoop • PySpark • Neo4j

Flask • GCP • Pytorch • Java

Education —

MSc., Big Data Analytics (CGPA: 7.85)
(Currently pursuing)

Ramkrishna Mission Vivekananda Educational and Research Institute
2020 - 2022 | West Bengal, India

BSc., Mathematics (CGPA: 7.83)

Banwarilal Bhalotia College
2017 - 2020 | West Bengal, India

12th (Percentage: 81.8%)

Asansol Old Station High School
2015 - 2016 | West Bengal, India

10th (Percentage: 85.4%)

Asansol Old Station High School
2013 - 2014 | West Bengal, India

Experience

Feb 2022-
Present

Machine Learning intern at Credwatch

Tenure 5 months

Working on detecting data drift and model monitoring

Projects

Nov 2021 -

Survival Analysis on employee attrition data

Supervisor: Dr. Sudipta Das. Ph.D. (Indian Institute of Science, Bengaluru)

Jan 2022

- Survival Analysis with right censored data
- Considered only time independent covariates
- Coding the most influential covariates

July 2021 -

Text to speech

Supervisor: Mr. Purnendu Mukherjee of NVIDIA, Santa Clara, California, United States

Jan 2022

- Summer internship at convai
- Voice Cloning by fine tuning text to speech model
- Deployed a text to speech pipeline in cloud

Oct 2021 -

Modelling and Prediction of Oil prices using news data

Supervisor: Prof Gopal Krishna Basak, Professor at Indian Statistical Institute

Jan 2022

- Prepared the data by scraping a news website with wti and brent oil prices
- Created few benchmark base models to evaluate the effect of news in oil price data
- github_link

Sep 2021 -

Time Series and Forecasting project

Supervisor: Dr. Sudipta Das. Ph.D. (Indian Institute of Science, Bengaluru)

Oct 2021

- Forecasting of the NO2 monthly emission data of 29 Indian States and Union Territories
- Predicted the data using SARIMA model and checked the co-integration of NO2 data with yearly GDP data of each one of them.

Jul 2021 -

Various optimization algorithm used in sentiment analysis on financial news data

Supervisor: Mrinmay Maharaj (PhD, Pennsylvania State University)

Sep 2021

- Performed sentiment analysis with bert
- Optimized by tuning hyperparameters and changing algorithms
- github_link

Apr 2021 -

Facial Keypoints Detection-Deep learning project

Supervisor: Dr. Sujoy Kumar Biswas, Director and Principal Scientist, AIMP LABS, Kolkata

Jul 2021

- Performed non-linear regression with CNN
- Optimized by tuning hyperparameters
- Deployed locally
- github_link