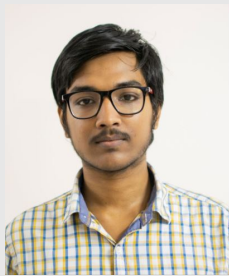


Sourav Karmakar



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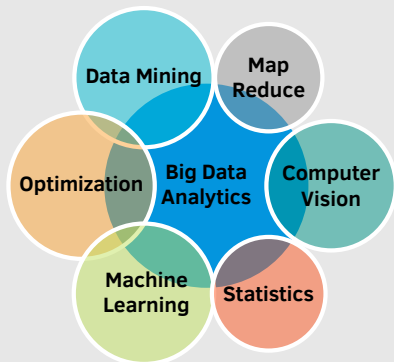
/in/sourav-karmakar-693b1a1bb/



Sourav89068

Course Skills

Overview



Programming and technical strength

Python • MySQL • R • C • Java

Linux • Hadoop • PySpark • Neo4j

html-css • Google Cloud Platform

Education

MSc., Big Data Analytics (CGPA: 8.00)

(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

Projects

Oct 2021-

Present

Modelling and Prediction of Oil prices using relevant news data

- Prepared the data by scraping a news website with wti and brent oil prices

July 2021-

Present

Text to speech

Summer internship

- Deployed a text to speech pipeline in cloud

Sep 2021 -

Oct 2021

Time Series and Forecasting project

- 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.
- Used: R

Jul 2021 -

Sep 2021

Various optimization algorithm used in sentiment analysis on financial news data

[github_link](#)

- Performed sentiment analysis with bert
- Optimized by tuning hyperparameters and changing algorithms
- Used: Python

Apr 2021 -

Jul 2021

Facial Keypoints Detection-Deep learning project

[github_link](#)

- Performed non-linear regression with CNN
- Optimized by tuning hyperparameters
- Deployed locally
- Used: Python

Mar 2021 -

Apr 2021

Bankruptcy Classification

[github_link](#)

- Linear Discriminant Analysis-Statistics Project
- Used: R

Feb 2021

May 2021

Computer vision projects

[github_link](#)

- Image Filtering and Hybrid Images
- Detecting Harris Corners and Matching Images(SIFT)
- Camera Calibration and Fundamental Matrix Estimation with RANSAC
- Used: Python

Sep 2020 -

Dec 2020

Exploratory Data Analysis

[github_link](#)

- Data visualization on zomato restaurants data
- Exploratory data analysis on bank loan acceptance data
- Used: Python & R

Declaration

I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.