



Sourjya Chatterjee

Data Science Enthusiast

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A quick-learner with good analytical and problem solving skills, looking forward to work in Data Science and Data Analytics roles.

EDUCATION

M.Sc in Big Data Analytics

Ramakrishna Mission Vivekananda Educational and Research Institute

2020 - Present

Courses

- Machine Learning
- Optimization
- Time Series
- Linear Algebra
- Statistics
- Deep Learning for Computer Vision
- Artificial Intelligence
- Probability Theory

B.Sc (Hons.) in Computer Science

Ramakrishna Mission Residential College (Autonomous)

2017 - 2020

CGPA- 7.98

Courses

- Data Structures and Algorithms
- Discrete Mathematics
- Graph Theory
- Automata Theory

Higher Secondary, WBCHSE

Bansberia High School

2017

Secured 81.4%

Secondary, WBBSE

Bansberia High School

2015

Secured 85.3%

WORK EXPERIENCE

Summer Project Intern

Ramakrishna Mission Vivekananda Educational and Research Institute

08/2021 - Present

Under the supervision of Br. Tamal, Department of Computer Science, RKMVERI Belur

Tasks

- **Logo Synthesis and Manipulation with GAN** (Create a new type of Logo and manipulate the design with the help of Generative Adversarial Network)
- <https://github.com/SourjyaChatterjee/Logo-Synthesis-Manipulation-GAN>

SKILLS

Python Programming

Pytorch

OpenCV

Numpy

Pandas

Matplotlib

scikit-learn

NLTK

R Programming

C Programming

SQL

Data Visualization

PySpark

PowerPoint

LaTeX

Excel

PERSONAL PROJECTS

Comparative Time-Series Analysis of Different Financial Data Using Garch Model. (09/2021 - 10/2021)

- Time series analysis on NIFTY50, Gold Prices(INR), Silver Prices(INR), US-Dollar(INC) using GARCH model in R.
- https://github.com/SourjyaChatterjee/TimeSeries_Financial-Data-Analysis

Cell Counting Architecture for Microscopic Image analysis with CNN (04/2021 - 07/2021)

- Count Number of Cells Present in an Image.
- <https://github.com/SourjyaChatterjee/Cell-Count>

Factor Analysis on Helsinki 2005 Olympics Running Event(Men) Data in R (10/2020 - 11/2020)

- Analyse the number of possible major factors in the data.
- <https://github.com/SourjyaChatterjee/Factor-Analysis-on-Helsinki-2005-Olympics-Running-Event-Men--DataSet>

LANGUAGES

English

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Machine Learning

Deep Learning

Computer Vision

Natural Language Processing

Exploratory Data Analysis

Time Series