

Soumyadeep Ganguly

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in Soumyadeep Ganguly 📄 Soumyadeep002

Education

Vellore Institute of Technology, Vellore

July 2024 – Present

M.Sc. in Data Science

- CGPA: 8.67/10.0
- **Coursework:** Statistics, Deep Learning, Data Visualization

Maulana Abul Kalam Azad University of Technology, West Bengal

Oct 2021 – July 2024

B.Sc. in Information Technology (Specialized in Data Science)

- CGPA: 9.19/10.0
- **Coursework:** OOP, Operating System, Machine Learning, IoT

Experience

Machine Learning Intern

Remote

Yhills EduTech

July 2023 – Aug 2023

- Learned about Data Visualizaion
- Machine Learning application in industries
- Did project on classification and regression problem with real data.

Publications

Performance Analysis of Indian Railway Zones using MCDM Approaches

Oct 2024

Soumyadeep Ganguly, Sugata Ray Chaudhury, Abheek Mukherjee, Amalendu Si

[10.31181/dma31202549](https://doi.org/10.31181/dma31202549) [🔗](#)

Projects

Health Monitoring System of Factory Workers using IoT

June 2024

- Designed an IoT wearable health monitoring device to ensure worker safety in real time.
- Developed a two-level system with health risk notifications.
- Applied machine learning to predict health trends to avoid crises.
- Tools used: MQTT, ESP8266, Python.

Performance Analysis on Indian Railway Zones using MCDM

Sept 2023

- Used statistical model to assign rank to each Indian railway zone based on their performance, analyzing various quantitative criteria.
- Based on their ranks, provided a comprehensive study to suggest better investment for more profit generation.
- Tools used: Excel, Python

View project: [Project Paper](#) [🔗](#).

Technologies

Languages: Python, C, PHP, SQL, JavaScript

Technologies: Tableau, Power BI, Flask Server, MySQL, Arduino