Arup Sankar Roy

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Featured Projects

Energy Consumption Prediction Flask Application   August 2023 – Ongoing

- Fetched data from kaggle, processed and performed EDA , created model with accuracy 99% and saved in pickle format.
- Prepared flask application to run the model.
- Generated user friendly UI.
  Gitub Link

CAPM : Capital Asset Pricing Model Web-App   March 2023 – March 2023

Used Python Libraries : Numpy , Pandas , Streamlit , Plotly.

- Fetched data from pandas data reader, processed and performed EDA
- Repared streamlit application to run the model.
- Generated user friendly UI, can be used by the a business enthusiast.
  Github Link

Skills

- ✓ Data Analytics /Visualization Libraries : Numpy,Pandas,Matplotlib, Plotly, Streamlit,Seaborn,Scipy.
- ✓ Machine Learning Libraries: Scikit-Learn,Xgboost.
- ✓ Programming Languages : Java,Python, C, HTML, CSS,Flask.
- ✓ System Experience : Linux, Windows.
- ✓ Softwares : Microsoft Power BI,Microsoft Excel. · Databases : MySQL.

Experience

Data Science Intern   August 2023 – Ongoing

CodersCave Virtual Internship Program – CVIP,India

- Conducted EDA on Global Terrorism Database using Numpy, Pandas, Matplotlib, Seaborn, and Plotly. Utilized Choropleth maps, Bar Plots, Area Plots, Pie Charts, and Heat Maps for insightful visualizations, unveiling security implications.
- Performed Email Spam Detection utilizing NLTK library. Employed text preprocessing, feature extraction, and machine learning techniques. Achieved accurate classification, highlighting potential spam emails.

Machine Learning Intern   August 2023 – August 2023

TechnoHacks EduTech, India

- Engaged in ML internships, focusing on diverse projects.Applied various machine learning techniques for accurate insights and outcomes, contributing effectively to project goals.

Education

University Institute Of Technology (UIT),Burdwan   Burdwan,West Bengal, India
Bachelor of Engineering in Computer Science and Engineering .   *Aug. 2022 – Jul, 2024*

Jalpaiguri Polytechnic Institute   Jalpaiguri,WestBengal,India
Diploma in Civil Engineering | cgpa:8.0   *Sep.2019 – July 2022*