

Key Competencies

- Experienced in working with open-source libraries such as Tensorflow, Keras, Scikit, Apache Spark, Power BI
- Knowledge and experience in using RPA tools such as UiPath, BluePrism.
- Strong foundation in data structures and algorithms.
- Proficient in python

Work Experience

DELOITTE [03/2022 - Current]

Data Science Intern

- Hands-on experience working with live data and BIG data.
- Used Apache Spark for data cleaning and handling large data.
- Used Power BI for creating meaningful dashboards for easier data visualisation.
- Have been involved in handling data for the telecom company AIRTEL and the company JET

Teaching Assistant [06/2019 - 07/2019]

Intern

- As a teacher my role was to educate the students of 5th to 12th standard on the grounds of computer, maths, and science.
- My role also played a part in irradiating social taboos and beliefs.

Project Experience

Machine Learning and Data Science Projects:

Crime against women Analysis and Prediction

- Crime is, unfortunately, a part of human societies.
- Crimes are also committed against humanity, especially against its vulnerable sections, which include among others, women, children, the poor and the destitute, the socially and economically segregated and excluded.
- [https://github.com/Diju98/Ai-and-ML/blob/main/research%20\(2\).ipynb](https://github.com/Diju98/Ai-and-ML/blob/main/research%20(2).ipynb)

COVID-19 Vaccination analysis using data mining techniques

- This project aims at analyzing the number of vaccinations issued in a country.
- This project also checks whether a person is fully vaccinated with both doses or has had only a single dose.
- https://github.com/Diju98/Ai-and-ML/blob/main/COVID_vaccination.ipynb

Disaster prediction using Machine Learning

- In this project I had a collection of images of different human made calamity and naturally caused calamities.
- I made a model to predict whether a particular image is an outcome due to human made calamity or naturally caused calamity
- <https://github.com/Diju98/ML-image-detection>

Education

Lovely Professional University [08/2018 - Current]

Bachelor of Technology - GPA: 8.05/10.00

- Field of study: Computer Science and Engineering
- Major Coursework: Machine Learning Foundation, Machine Learning Algorithms, Advanced Machine Learning, Data Structures and Applications, BOT Automation, Virtualisation and Cloud Computing.

Central Board of Secondary Education (10+2)

- Final Grade: 73%

Central Board of Secondary Education (10)

- Final Grade - CGPA: 9.00/10.00