Rohit Mahajan

Email : rohitmahajan123bca@gmail.com

Linkedin : https://www.linkedin.com/in/rohit-mahajan-b8268629a/ **Mobile** : +91 9309332811

GitHub : https://github.com/Rohitmahajan004 **Portfolio :** https://rohit-mahajan-port.netlify.app/

EDUCATION

MJ College, Jalgaon Maharashtra, India

Bachelor's of Computer Applications - GPA: 9.10 **September 2021 - June 2024**

SKILLS SUMMARY

- **Languages**: Python, SQL, HTML, CSS
- **Frameworks**: Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn,Flask
- **Tools**: Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite
- **Platforms**: PyCharm, Jupyter Notebook, Visual Studio Code
- **Soft Skills**: Rapport Building, Adaptability,People Management, Excellent communication

WORK EXPERIENCE

Data Science and AI Intern | Uified Mentor **June -July**

- Analyzed large datasets to uncover insights and developed interactive visualizations to communicate complex data trends effectively.
- Implemented and optimized machine learning models for predictive analytics, enhancing model performance through efficient data preprocessing and feature selection.
- Applied Natural Language Processing (NLP) techniques to extract meaningful insights from textual data, contributing to the development of user-friendly data-driven applications.

Data Science Intern | YBI Foundation **April – June**

- Developed and optimized machine learning models using Python, improving prediction accuracy and model performance.
- Applied data preprocessing techniques, including cleaning and feature engineering, to prepare datasets for analysis and model training.
- Collaborated with team members to build and deploy data-driven solutions, effectively translating business requirements into actionable insights

PROJECTS

Heart Disease Diagnostic |Unified Mentor LIVE

- Conducted exploratory data analysis (EDA) on a dataset related to heart disease.
- Implemented machine learning models (e.g., logistic regression, decision trees, random forests) to predict heart disease presence.
- Evaluated model performance using metrics such as accuracy, precision, recall, and AUC-ROC.
- Developed a streamlined process for feature selection and data preprocessing, enhancing model efficiency.

Data Visualization of Bird Strikes (2000 - 2011): | Unified Mentor LINK

- Collected, cleaned, and analyzed bird strike data from multiple sources.
- Developed interactive dashboards and visualizations using tools like Tableau/Matplotlib/Seaborn to highlight trends and patterns.
- Presented insights to stakeholders, contributing to data-driven decisions for aviation safety measures.

Emotion Detection System LINK

- Developed an emotion detection system using NLP techniques, achieving high accuracy in classifying emotions from textual data.
- Implemented and optimized machine learning models (Naive Bayes, SVM, LSTM) for emotion analysis, leveraging Python libraries such as NLTK, spaCy, Scikit-learn, and TensorFlow.
- **Integrated the emotion detection model into a real-time application, enhancing user experience with insightful emotion analysis.**