

Sayiam Arora

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SKILLS

Languages: C++, R, JavaScript, Python, Java, and HTML/CSS
Frameworks: Django
Tools/Platform: Git/GitHub, Docker, Linux, MySQL, Tableau, R Studio, Jira, Excel, AWS and GCP.
Soft skills: Adaptability, Leadership, Team Player, Analytical skills, Problems solving and Project Management.

PROJECTS

Flight Prediction <i>Python Jupyter Notebook, Pandas, Numpy, Seaborn, Matplotlib, Plotly, Scikit learn</i>	September 2024
<ul style="list-style-type: none"> Cleaned and preprocessed the dataset by removing irrelevant details, handling missing values, and standardizing data formats to ensure high-quality data for modeling. Applied feature encoding techniques (e.g., One-Hot Encoding) and created visualizations like price vs. time to identify patterns and trends. Implemented a Random Forest Regressor, tuning hyperparameters to enhance prediction accuracy and model performance. 	
Bank Customer Analysis <i>Tableau Prep And Tableau Desktop</i>	July 2024
<ul style="list-style-type: none"> Cleaned and processed a bank customer dataset to ensure data accuracy and readiness for analysis. Created interactive visualizations, including dashboards and stories, to present key insights and trends clearly. Developed comprehensive reports that enhanced understanding of customer behavior, aiding in strategic decision-making. 	
SMS And Spam Classifier <i>Python Jupyter Notebook, Pandas, Numpy, seaborn and matplotlib</i>	January 2024
<ul style="list-style-type: none"> Developed a machine learning model to classify SMS messages as spam or legitimate, using text preprocessing and feature extraction techniques. Utilized NumPy and Pandas for data manipulation, with Matplotlib and Seaborn for visualizing data distributions and patterns. Implemented a Decision Tree classifier, optimizing it for high accuracy, and used visualizations to evaluate model performance and interpret results. 	
SAR'S Restaurant Website <i>HTML, CSS And JavaScript</i>	December 2022
<ul style="list-style-type: none"> Designed and developed a fully functional restaurant website using HTML, CSS, and JavaScript to create an interactive and user-friendly interface. Implemented key features such as a login page, contact form, gallery, and home page to enhance user engagement and provide a real-world website experience. Focused on responsive design and seamless navigation, ensuring the site works smoothly across various devices and screen sizes. 	

ACHIEVMENTS

AWS Cloud Captain (Punjab, India)	March 2024
<ul style="list-style-type: none"> Selected as one of 87 AWS Cloud Captains globally, responsible for nurturing and growing the AWS Cloud Community at my college. Tasked with hosting technical events, workshops, and hands-on sessions to enhance cloud skills among students. Successfully led initiatives to foster a vibrant, tech-focused community. 	
Smart India Hackathon	September 2023
<ul style="list-style-type: none"> Collaborated in a team of five during the Smart India Hackathon to attempt to create a web application interface aimed at conducting secure online examinations, prioritizing examination integrity, and preventing dishonest practices among candidates. 	

CERTIFICATION

AWS Certified Cloud Practitioner AWS	September 2024
Tableau Udemy	September 2024

EDUCATION

Lovely Profession University <i>B.Tech. Computer Science Engineering</i>	August 2022- Expected Graduation 2026 CGPA: 8.05/10.00
Ewing Christian Public School <i>Class 12th</i>	June 2021 Percentage: 86.4%