

RAVIRANJAN KUMAR

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OBJECTIVE

Final-year student with a strong interest in data science, data analytics, and AiML (Anti-Money Laundering). Skilled in analyzing data, spotting patterns, and using tools to solve problems. Looking for an internship to apply my skills, learn from real projects, and grow as a data professional.

EDUCATION

Bachelor of Technology – Computer Science
Siddhartha Institute of Engineering and Technology, Hyderabad

Expected july 2027

Relevant Coursework: Data Structures, Statistics, Machine Learning, Database Management, Data Visualization, Financial Analytics.

SKILLS

Languages :	Python, SQL, C, Java,
Frameworks & Libraries :	Pandas, NumPy, Scikit-learn, PyTorch, Matplotlib, Tensorflow
APIs & Tools :	Excel, Jupyter Notebook, Git, Power BI
Databases :	MongoDB, MySQL

PROJECTS

Loan Approval Prediction System — *Python, Scikit-learn, Pandas, NumPy, Streamlit, Render*

Built a machine learning model to automate credit risk assessment and loan eligibility verification, helping predict loan approval outcomes. Trained and compared Random Forest and Logistic Regression models using Scikit-learn to optimize prediction accuracy. Used Pandas and NumPy for data cleaning, preprocessing, and feature scaling to improve model performance. Developed an interactive web interface using Streamlit and deployed the application on Render for real-time predictions. ([View Project](#))

Customer Churn Prediction Model — *Python, Scikit-learn, Pandas, NumPy*

Built a machine learning model to identify at-risk customers and improve business retention strategies. Conducted exploratory data analysis (EDA) to uncover patterns and key factors driving customer churn. Performed data pre-processing, including categorical encoding and feature scaling, to prepare data for modeling. Trained and evaluated classification models using Scikit-learn to accurately forecast customer subscription cancellations. ([View Project](#))

Whatsapp-Chat-Analyzer-Project —

Whatsapp-Chat-Analyzer-Project — Python, Scikit-learn, Pandas, Numpy, Seaborn, Matplotlib,
Developed an interactive text-analytics web application to parse and analyze exported WhatsApp chat logs using Python and Streamlit. Conducted data cleaning and regex-based parsing to extract timelines, user messages, and media shared from raw text data. Performed exploratory data analysis (EDA) to uncover conversation insights, including top users, word frequencies, and emoji usage patterns. Visualized messaging trends and activity behavior over hours, days, and months using Seaborn and Matplotlib ([View Project](#))

CERTIFICATIONS

- [Design Fundamentals with AI](#) - Adobe & Yuwaah! (UNICEF)