

SRAVANTHI KOPPADI

DATA ANALYST



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SUMMARY

Enthusiastic and adaptable graduate with a strong foundation in Python, machine learning, and DevOps practices. Certified in Data Science, Python, and Azure DevOps. Skilled in data analysis, visualization, and model deployment. Passionate about solving real-world problems through clean code, statistical reasoning, and cloud-driven automation. Seeking entry-level roles in software development, data analytics, or DevOps.

TECHNICAL SKILLS

Languages & Tools: Python, SQL, HTML, Git, Tools: Jupyter, Google Colab, VS Code	Data Analysis & Visualization: Pandas, NumPy, Power BI, Tableau, Matplotlib, Seaborn	Machine Learning: Scikit-learn, XGBoost, LGBM, Regression, Classification, Clustering, DevOps & Cloud: Azure DevOps, CI/CD Pipelines
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PROFESSIONAL EXPERIENCE

- Bitcoin Price Prediction****Jan 2024 – Feb 2025**
 - Forecasted Bitcoin prices using historical data from Yahoo Finance. Applied data preprocessing, feature engineering, and machine learning to predict price trends.
- Cardiovascular Disease Analysis****Oct 2024 – Nov 2024**
 - Explored and visualized medical risk factors and correlations.
 - In addition to EDA, predictive models were trained to forecast the presence or absence of heart disease in patients, based on features like age, cholesterol levels, blood pressure, and more.
- Bank Risk & Fraud Detection****Dec 2024 – Jan 2025**
 - Analyzed banking datasets using Python to identify fraud patterns and assess credit risk. Applied machine learning techniques to enhance fraud detection accuracy.
- Student Marks Prediction (Study Hours vs. Marks)****Oct 2024 – Nov 2024**
 - Developed a simple linear regression model to predict a student’s exam score based on the number of study hours. The project aimed to establish a direct relationship between study time and exam performance, helping students and educators optimize study hours for better outcomes.
- Online Payments Fraud Detection****Dec 2024 – Jan 2025**
 - Built a machine learning model to detect fraudulent online payment transactions. The project aimed to identify suspicious transactions in real-time and help prevent financial fraud.
- Sentiment Analysis on Social Media Posts****Jan 2025**
 - Performed sentiment analysis on social media data (Twitter posts) to understand public sentiment about specific topics or brands. The model categorizes posts as positive, negative, or neutral, aiding businesses in brand analysis and customer feedback.

EDUCATION

Bachelor of Technology – Electronics and Communication Engineering

Aditya College of Engineering and Technology (2021 – 2024)

- CGPA: 7.35

Intermediate – MPC

Sri Samhitha Junior College (2018 – 2020)

- Percentage: 77.61%

SSC

Z.P.P.O High School (2018)

- Percentage: 91.2%

SOFT SKILLS

- Strong Communication
- Problem-Solving
- Team Collaboration
- Time Management
- Critical Thinking
- Quick Learner

CERTIFICATIONS

- Data Science Certification
- Python Programming Certification
- Azure DevOps Certification