

T. Ravi Kumar

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Summary

Aspiring Data Scientist with expertise in SQL, Python, NumPy, Pandas, Matplotlib, and Power BI, skilled in data analysis and visualization. Proficient in developing machine learning models for predictive analytics and leveraging data-driven insights in healthcare and business domains. Currently pursuing advanced training in Data Science at TEKS Academy, with a focus on real-world applications.

Education

Bachelor of Computer Applications (BCA) - AI and Data Science, Vikrama Simhapuri University Sep 2022 – June 2025

- Specialized in Artificial Intelligence and Data Science with a strong foundation in Python, SQL, and Machine Learning.

Data Science Course, TEKS Academy Dec 2024 – June 2025

- In-depth training in SQL Server, Python for Data Science, Data Visualization, and Machine Learning.
- Worked on multiple hands-on real-world projects related to healthcare, finance, and predictive analytics.

Technical Skills

- Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Power BI
- Programming Languages: Python
- Databases: SQL Server, SQL

Professional Experience

Chathrapathi Greentech Softwares Pvt. 02-12-2024 – 28-02-2025

- Developed Python-based solutions for data analysis and automation.
- Gained hands-on experience in Python programming and problem-solving.
- Worked on real-world projects, improving coding efficiency and debugging skills.

Data Science Projects at TEKS Academy Dec 2024 – June 2025

- Worked on multiple real-world data science projects involving data cleaning, preprocessing, and analysis.
- Developed machine learning models for predictive analytics and performed data visualization using Power BI and Matplotlib.
- Utilized SQL Server for database management and querying large datasets.

Projects

Income Evaluation Project 2024

- Created an income evaluation model using data science techniques to predict income levels based on various socio-economic factors.

Healthcare Data Analysis 2024

- Analyzed healthcare datasets to identify trends in patient outcomes using Python and Power BI.

Crime Type and Occurrence Prediction 2024

- Developed a machine learning model to predict the type and occurrence of crimes based on historical data and victim profiles.

Additional Information

- Languages: English, Telugu, Hindi
- Certifications: Post Graduate Diploma in Data Science (PGDS)
- Awards/Activities: NSS Certificates - Awarded 3 NSS certificates, including recognition from the Ministry of Youth Affairs and Sports, Nehru Yuva Kendra, for participation in the Viksit Bharat declamation contest.