Chakrapani Gajji

Manhattan, KS (USA)

+1(785)317-5938 | cgajji@ksu.edu | LinkedIn: chakrapanigajji | GitHub: Chakrapani2122 | Portfolio: Chakrapani

PROFILE

Data Analytics graduate with strong experience in forecasting, NLP, and business intelligence. Skilled in Python, SQL, Tableau, Power BI, and machine learning. Delivered analytical solutions used by 20+ stakeholders, analyzed 50,000+ records, and produced insights resulting in 15% operational efficiency improvements. Seeking Data Scientist or Data Analyst roles.

TECHNICAL SKILLS

Programming & Data: Python (NumPy, pandas, scikit-learn), SQL (MySQL), R
Machine Learning: Regression, Classification, Time-Series Forecasting, NLP, Predictive Modeling, Model Evaluation
BI & Visualization: Tableau, Power BI, Streamlit, Matplotlib, Seaborn
Platforms & Tools: Databricks, AWS, Docker, CI/CD, Git, GitHub, Jupyter

EDUCATION

Kansas State University — Manhattan, KS, USA
M.S. Data Analytics | GPA: 3.87/4.0 — *Aug 2024 – May 2026*

Sri Indu College of Engineering and Technology — Hyderabad, Telangana, India
B.Tech CSE (AI/ML) | GPA: 3.4/4.0 — *Oct 2020 – Apr 2024*

EXPERIENCE

Data Manager - Research Assistant — Aug 2024 – Present
Kansas State University

- Built and deployed **Streamlit dashboards** used by **20+ faculty and research staff**, improving access to analytical insights and significantly reducing manual reporting effort.
- Analyzed **50+ agricultural forecasting records** and managed **50,000+ data points** across **2 projects**, identifying yield patterns and seasonal trends while ensuring data integrity and reproducibility through structured validation pipelines.

Team Leader - Institutional Research Capstone Project — Jan 2025 – May 2025
Kansas State University

- Led a **3-member analytics team** through end-to-end delivery, producing **10+ data-driven recommendations** and contributing to approximately **15% improvement in operational efficiency**.
- Created analytical dashboards and translated complex findings into **executive-level reports and presentations**, accelerating stakeholder decision-making.

PROJECTS

Food Price Inflation (USA) | *Tableau, Power BI, Python, time-series analysis* — Aug 2025 – Sep 2025

- Visualized 6 interactive dashboards analyzing U.S. food price inflation trends with regional and commodity-level drill-downs, enabling customized insights.
- Performed time-series analysis to identify seasonal and long-term inflation patterns supporting economic insight.

Institutional Research: KSU | *NLP, ML, Tableau* — Jan 2025 – May 2025

- Analyzed 5,000+ survey responses using NLP techniques to extract sentiment and themes; predictive models to optimize outreach strategies.
- Provided 10+ recommendations to stakeholders to improve the response rates and strategies to reach a large audience.

Earthquake Analysis | *geospatial analytics, Tableau* — Jun 2025 – Jul 2025

- Visualized 5,000+ seismic events using geospatial dashboards, improving interpretability and risk awareness.
- Increased self-service analytics efficiency by 30% through intuitive dashboard design and interactivity.

VividTones | *CNN image colorization, TensorFlow, OpenCV, Streamlit* — Dec 2023 – Apr 2024

- Developed and evaluated a CNN-based image colorization pipeline pre-trained on 100,000+ images using TensorFlow with multiple artistic modes.
- Improved processing efficiency by 25% and validated model performance using 5+ evaluation metrics.

CERTIFICATIONS

Data Analysis with Python – IBM
SQL Essential Training – LinkedIn Learning
Lean Six Sigma Yellow Belt – Kansas State University
Python Object-Oriented Programming – LinkedIn Learning

PUBLICATIONS

A Survey on Large Language Models: Overview and Applications – IRJET, Jun 2024