SRI VENKAT GURRAMKONDA

(203) 600-5190 | srivenkatyadav17@gmail.com | LinkedIn: linkedin.com/in/sri-venkat-gurramkonda/ | GitHub: github.com/srivenkatyadav17

PROFESSIONAL SUMMARY

Master's student in Data Science at the University of New Haven, currently in the 2nd semester of the program. Strong foundation in mathematics, statistics, and programming, with hands-on experience in Python, SQL, Power BI, and data science libraries. Actively building expertise in machine learning, agentic AI, data pipelines, cloud ecosystems, and big data tools. Demonstrated ability through academic projects such as customer segmentation using K-means clustering to identify distinct customer groups for targeted strategies. Eager to apply advanced data science methodologies to solve real-world problems and contribute to innovative, data-driven solutions. Looking for opportunities to gain practical industry exposure and bridge the gap between academic learning and impactful applications.

CORE COMPETENCIES:

Data Science & Machine Learning:	▪ Regression, Classification & Clustering ▪ Predictive modelling ▪ Feature Engineering
Programming & Tools:	▪ Python ▪ SQL ▪ Power BI ▪ AWS ▪ Git & GitHub
Python Libraries:	▪ Pandas ▪ NumPy ▪ Scikit-learn ▪ Matplotlib ▪ Seaborn
Research & Analysis:	▪ Exploratory Data Analysis (EDA) ▪ A/B Testing ▪ Data cleaning & Wrangling
Data & AI Product Management:	▪ Data Storytelling ▪ Project Management ▪ Stakeholder Communication

EDUCATION

Tagliatela College of Engineering, University of New Haven ▪ West Haven, CT, US December 2026 (expected 2026)
Master of Science in Data Science ▪ GPA: 4.0/4.0

- **Coursework:**
  ▪ Machine Learning ▪ Big Data ▪ Data Visualization ▪ Deep Learning ▪ Natural Language Processing (NLP) ▪ Leadership in Data & AI Products ▪ Data Ethics
- **Tools:**
  ▪ Python ▪ R ▪ SQL ▪ TensorFlow ▪ Hadoop ▪ Power BI ▪ AWS Athena

Sree Vidyanikethan Engineering college, Jawaharlal Nehru Technological University ▪ Tirupati, AP, India May 2024
Bachelor of Electronics and Communications ▪ CGPA: 7.88/10.0

- **Coursework:**
  ▪ Machine Learning ▪ Probability and Stochastic Processes ▪ Linear Algebra ▪ Database Management Systems ▪ Data Structures ▪ Digital Signal Processing.
- **Tools:**
  ▪ Python ▪ SQL ▪ C Programming

DATA & AI PROJECTS AND PORTOFOLIO

Customer Segmentation using K-means Clustering ▪ Tirupati, AP, India September 2023 – October 2023
Data Science Intern, CodeClause

- Developed a complete customer segmentation system using K-means clustering in Python to help refine marketing efforts and personalize customer experiences.
- Implemented the Elbow Method to determine the optimal number of clusters, ensuring a statistically significant and effective segmentation of the customer data.
- Engineered a predictive feature that successfully assigned new data points to the appropriate customer cluster using a trained model.
- Utilized Pandas for data manipulation, Scikit-learn for model training, and Matplotlib for visualizing the final customer segments.

PROFESSIONAL Portfolio ▪ CT, United States

- Access my professional portfolio: https://srivenkatyadav17.github.io/Github-Portfolio/

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PUBLICATIONS

- Harsha Deep, C., Sri Venkat, G., Muni Sai Vivek, B., Jagadeeswar, G., & Dr. Geetha, P. (2024) Design and simulation of MEMS based temperature sensor for weather monitoring in a balloon satellite: COMSOL analysis. IEEE.

PROFESSIONAL CERTIFICATIONS & MEMBERSHIPS

Artificial Intelligence & Machine Leaming	*Golden Gate University - UpGrad Campus*	November 2023
Data Science and Analytics	*UpGrad Campus*	July 2023
AWS Academy ML Foundations	*Amazon Web Services (AWS)*	September 2023