

ORAGANTI SAGAR

📞 9392895349 | ✉ oragantisagar719@gmail.com

🌐 <https://www.linkedin.com/in/oraganti-sagar>

📍 India

Career Objective

Motivated and detail-oriented Data Science postgraduate student with hands-on experience in Python, machine learning, and natural language processing. Seeking an entry-level position as a **Data Scientist / ML Engineer** to apply data analytics, problem-solving, and AI model-building skills in a real-world environment. Passionate about turning data into actionable insights to support decision-making.

Technical Skills

- **Programming Languages:** Python, SQL
 - **Libraries/Frameworks:** NumPy, Pandas, Scikit-learn, Matplotlib, OpenCV, TensorFlow
 - **Web Technologies:** HTML, CSS
 - **Database:** MySQL
 - **Tools:** Jupyter Notebook, Git, VS Code
 - **Other:** Data Cleaning, Feature Engineering, Model Evaluation
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Projects

Chatbot in python

Technologies: Python, NLP, Scikit-learn, Pandas, HTML/CSS

Built a rule-based and ML-powered chatbot to diagnose basic health symptoms.

Implemented classification algorithms (e.g., Decision Tree, Logistic Regression) to differentiate between flu, fever, and stomach issues.

Applied data preprocessing, vectorization (TF-IDF), and model evaluation using accuracy score.

Real-Time Emotion Recognition (Ongoing)

Technologies: OpenCV, TensorFlow, Pandas, NumPy

Developed a webcam-based emotion detection app using computer vision and deep learning.

Used FER2013 dataset and regression models to predict emotions in real time.

Focused on improving model accuracy through data augmentation and normalization.

Certifications

Tata: Data Visualization – Forage (April 2025)

- Created effective data dashboards and visualizations to support TCS business decisions.

Electronic Arts: Software Engineering – Forage (April 2025)

- Designed new game features, built class diagrams in C++, and implemented bug fixes using optimized data structures.

Deloitte Australia – Data Analytics – Forage (May 2025)

- Completed a virtual simulation on data analysis and forensic technology
- Built an interactive data dashboard using Tableau

AWS APAC – Solutions Architecture – Forage (May 2025)

- Designed a scalable hosting architecture using AWS Elastic Beanstalk
- Explained solution and cost structure in clear, client-friendly terms
- Utilized Excel for data classification and business insights

AI & ML Jr. Telecom Data Analyst – ESDP

National Institute for MSME | Aug–Oct 2024

- Completed Entrepreneurship & Skill Development Programme on AI & ML
 - Sponsored by Ministry of MSME, Govt. of India under ATI Scheme
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Interpersonal Skills

- Strong teamwork and collaboration
 - Patience and perseverance
 - Self-motivated and responsible
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Personal Interests

- Travelling
- Web Searching