

Lalitha Samyuktha Jayanthi

+91 7569606146

samyukthajayanthi09@gmail.com

Visakhapatnam

Value Proposition

Data Science graduate with a strong foundation in SQL, Snowflake, Teradata BTeq, and data analysis. Proficient in building and managing robust data pipelines, ensuring seamless delivery of digital solutions. Eager to apply my skills and knowledge in a dynamic environment and contribute to driving business outcomes.

Education

- B. Tech | CSE-Data Science | Avanthi Institute of Engineering and Technology | 2025 | 7.88 CGPA
- Intermediate | Sri Chaitanya Jr. College | 2021 | 9.12 CGPA
- Tenth | Sri Chaitanya School | 2019 | 9.5 CGPA

Technical Proficiencies

- Technical Skills**
- Programming:** Python (NumPy, Pandas, Matplotlib, Scikit-learn)
- AI Frameworks:** TensorFlow, Keras, PyTorch
- Data & Tools:** SQL, Git, Docker
- Operating Systems:** Linux, Windows
- Cloud:** AWS, ServiceNow

Projects

- Image Classification Model
 - Developed a convolutional neural network (CNN) using TensorFlow and Keras to classify images from a custom dataset.
 - Preprocessed and augmented a dataset of 1,000+ images, achieving an accuracy of [e.g., 92%].
 - Utilized GPU acceleration to reduce model training time.
 - Keywords:** Computer Vision, Image Processing, Deep Learning, Data Augmentation
- Housing Price Prediction Model
 - Built a machine learning model using Scikit-learn to predict housing prices based on features like square footage and location.
 - Performed exploratory data analysis (EDA) and feature engineering to clean and prepare a structured dataset.
 - Visualized key insights using Matplotlib and presented findings on model performance.
 - Keywords:** Machine Learning, Data Preprocessing, EDA, Feature Engineering
- Text Sentiment Analysis with PyTorch
 - Created a sentiment analysis model to classify movie reviews as positive or negative using a neural network in PyTorch.
 - Constructed a data pipeline to tokenize and vectorize text data, demonstrating an understanding of preprocessing unstructured data.
 - Keywords:** Natural Language Processing (NLP), Deep Learning, PyTorch, Data Pipelines

Internships & Simulations

- AI Intern – AIMER Society | 8 Weeks
- ML Intern – Indian Servers | 8 Weeks
- Data Science Intern – Yhills | 8 Weeks

Certifications

Google Cloud Gen AI
Data Analytics by Jobaaj Learnings.
SQL by Oracle.