Antervedi Gayathri

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https://github.com/Gayathri-69

Education

Institute Of Aeronautical Engineering College	Hyderabad *(2021–2025)*
*Bachelor of Technology (CSE),**CGPA: 8.44***	

Sri Chaitanya Junior College	Hyderabad*(2019-2021)*
*Intermediate (MPC),**Score: 98.2***	

Mahatma Gandhi Memorial High School	Hyderabad *(2018-2019)*
*SSC Class 10,**GPA: 9.8***	

Professional Skills

Languages: Python, SQL, Pyspark, Spark SQL

Domains: Full Stack Data Science - AI, ML, Web development

Technologies: HTML, CSS, JavaScript

Tools: Snowflake, Fivetran, Power BI, Databricks,Azure data factory, Git, GitHub, Linux

Cloud Platforms: AWS, Azure

Frameworks: Streamlit, ReactJs(Basics)

Projects

Loan Default Prediction & Customer Risk Dashboard|*ADF,Snowflake,PowerBI* — June 2025

- Built an end-to-end data pipeline using ADF to load data from GitHub (HTTP) to ADLS and set up WhatsApp failure alerts using Web Activity.
- Created Snowpipe in Snowflake to auto-ingest data, performed transformations, and predicted loan defaults and customer risk.
- Connected Snowflake to Power BI and designed an interactive dashboard to visualize loan trends and risk profiles.

Hotel Performance Report PowerBI Dashboard — May 2025

- Created a Hotel Performance Dashboard in Power BI to analyze key metrics like bookings, revenue, and customer ratings across cities and hotel categories.
- Integrated slicers for filters such as city, class, date, and booking platform to enable interactive and dynamic reporting.
- Visualized trends including revenue vs. realization, platform-wise bookings, and city-wise performance to support business decisions.

Wine Quality Prediction using Linear regression|*Ml* — July 2024

- Implemented a linear regression model using Python to predict wine quality based on chemical properties, integrated into a Streamlit web application for real-time predictions.
- Performed data preprocessing, feature selection, and model tuning to enhance the accuracy and performance of the wine quality prediction model.
- Designed a user-friendly interface with Streamlit, allowing users to input wine characteristics and obtain instant predictions on wine quality, supported by visualizations for better insights.

Todo-List|*Streamlit, Java Full Stack* — June 2024

- Developed a Todo-List using streamlit and Java Full Stack separately enabling users to manage tasks effectively

by adding, viewing, and marking tasks as completed..

- Implemented user-friendly features that allow seamless task completion tracking, where tasks move to a "completed tasks" section upon user confirmation.

Image Description and Translation Using AI|*Gen-AI, Python, Streamlit*   June 2024

- Developed an AI-powered system that automatically generates descriptive content for images, enhancing accessibility and understanding for visually impaired users.
- Integrated multilingual translation capabilities, allowing generated image descriptions to be translated into multiple languages, making content more accessible to a global audience.
- The user can also hear the audio about the image.

ChatBot   June 2024

- Developed a ChatBot using AI similar to Chatgpt.

Loan Approval Prediction via Random Forest|*AI with Data Analytics*   May 2024

- Developed a predictive model using Random Forest to assess loan approval probabilities, analyzing key financial and demographic factors from large datasets.
- Applied data preprocessing and feature engineering techniques to improve model accuracy, ensuring reliable predictions by eliminating noise and handling missing data effectively.
- Leveraged AI-driven analytics to provide insights into the factors influencing loan approval decisions, aiding financial institutions in making data-driven lending decisions and reducing risk.

Certificates

WebDev(Wd101)	Pupil First - AICTE
Frontend WebDev	Infosys Spring board
AI using Python	NITTSD
Basics of Python	Great learning
Ux Workshop	Growth School
Computer network and Internet Protocol	NPTEL
36hr(Hackathon)	MLRIT College (Inventron)
AI with Data Analytics	Octacomm

Coding Platforms

Hackerrank	21951A0550, Total Badges:5
Codechef	gayathri690, Rating:1255
GeeksforGeeks	21951aif4y, Rank:375