BHANU TEJA SUBBARA

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SUMMARY

Aspiring Data Enthusiast with a strong academic foundation in Python, SQL, and statistics. Gained hands-on experience through real-world projects involving data analysis, visualization, and dashboard building using tools like Pandas, Tableau, and Streamlit. I am passionate about transforming data into meaningful insights and eager to contribute to impactful data-driven projects as a recent graduate. Committed to continuous learning and growth in the field of data and AI.

EDUCATION

Reva University — *Bengaluru, Karnataka*
*B. Tech in Artificial Intelligence and Data Science. (**CGPA:** 8.79)* — ***2021 - 2025***

Narayana Junior College — *Anantapur, Andhra Pradesh*
*Board of Intermediate Education (BIEAP) (**Percentage:** 97%)* — ***2019 - 2021***

Hyderabad Public School — *Anantapur, Andhra Pradesh*
*Board of Secondary Education (BSEAP) (**CGPA:** 9.7)* — ***2018-2019***

PROJECTS

Olympics Trends and Analysis | Python, Pandas, Matplotlib, Seaborn, Plotly, Streamlit

- Analyzed 120 years of Olympic data (1896-2016) covering over 270,000 entries to Provide insights into medal tallies, country-wise and athlete-wise performances, and overall Olympic trends.
- Deployed the application on Streamlit Community Cloud for public access.
- [GitHub Link] [Live Demo]

AI Powered News Research Assistant | Python, Streamlit, Lang Chain, FAISS, Vector Embeddings

- Developed a dual-mode web application using Streamlit and Lang Chain that processes news articles and provides intelligent question-answering capabilities with semantic search functionality.
- Implemented vector-based information retrieval using FAISS and OpenAI embeddings, enabling users to extract insights from multiple news sources through natural language Queries.
- [GitHub Link]

Advanced Face Recognition Management System | Python, OpenCV, DLIB, Tkinter

- Developed an advanced attendance management system using facial recognition technology with Python, dlib, OpenCV, and tkinter, featuring a hybrid face detection approach with HOG and Haar cascade algorithms.
- Implemented a comprehensive student management system with MySQL database integration for secure storage of attendance records and student information.
- [GitHub Link]

Technical Skills

Languages & Data Libraries: Python, SQL, Pandas, NumPy

Data Visualization Tools: Tableau, Matplotlib, Seaborn, Plotly, Excel

Technologies/Frameworks: Git, GitHub, Scikit-learn, Flask, Fast API, Streamlit, Lang Chain, Docker

Developer Tools: VS Code, PyCharm, Jupyter Notebook, Google Colab, MySQL Workbench, SQL Server

CERTIFICATIONS/WORKSHOPS

- SQL for Data Science - Coursera
- Basics of Data Science - IBM
- Data Analytics - KPMGs
- 100 days of python bootcamp - Udemy
- Pandas - Kaggle