

Pabbu Vinay Goud

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SKILLS

- Programming Languages: Python, Java, R, C++
- Data & Tools: SQL, Tableau, Excel
- Soft Skills: Team Player, Time Management, Problem-Solving, Adaptability

PROJECTS

Sentiment Analysis on US Airline Reviews | Sep 2024 - Nov 2024

- Developed an **LSTM-based deep learning model** to classify airline tweet sentiments as positive or negative
- **Preprocessed text data** using tokenization, word embeddings, and sequence padding to improve model accuracy
- Implemented **binary sentiment classification** using **TensorFlow, Keras, and NLP techniques** for real-world applications
- Optimized model performance with **dropout layers, hyperparameter tuning, and early stopping** to prevent overfitting
- Built a **real-time sentiment prediction system**, enabling **automated sentiment tracking** for airline companies

Tech Stack: Python, TensorFlow, Keras, Pandas, Matplotlib, Deep Learning, Sentiment Analysis, Sequence Modeling

Spotify Dataset Analysis Dashboard | Oct 2024 – Nov 2024

- Designed an **interactive Tableau dashboard** analyzing **10,000+ Spotify tracks**, uncovering **music trends and artist performance insights**
- Developed **key visualizations**, including a **Gantt bar chart (artist popularity vs. genre tempo)**, **dual-axis butterfly chart (danceability vs. acousticness)**, and **bar chart (track popularity distribution)**
- Cleaned and processed **100,000+ rows** of raw data using **Excel and Tableau Prep**, ensuring **99% data accuracy**
- Conducted **exploratory data analysis (EDA)** to identify **patterns in track features** such as **tempo, energy, danceability, and popularity**
- Improved dashboard usability with **intuitive navigation, interactive filters, and drill-down features**, increasing **stakeholder reporting efficiency by 40%**

Tech Stack: Tableau, Excel, Tableau Prep, Data Visualization, Data Cleaning, Trend Analysis

TRAINING

Summer Internship Training – Cipher Schools Jun 2024 -Jul 2024

- Completed an **intensive 8-week training** focused on **DSA concepts and time-space complexity optimization** using **C++**
- Implemented **10+ advanced algorithms**, including **sorting, linked lists, stacks, queues, trees, graphs, and dynamic programming**, enhancing **computational efficiency by 35%**
- Solved **100+ competitive coding challenges** on **LeetCode and GeeksforGeeks**, improving **algorithmicS problem-solving skills and coding efficiency**
- Ranked in the **Top 10% in Cipher Schools' coding assessments**, demonstrating **consistent performance growth and technical proficiency**

Tech Stack: C++, Data Structures & Algorithms (DSA)

ACHIEVEMENT

- Awarded 2<sup>nd</sup> prize in “Web Wizards” conducted by Stanley College in Hyderabad June 2023

EDUCATION

- **Lovely Professional University** Punjab, India  
Bachelor of Technology - Computer Science and Engineering, **CGPA: 7.01** Aug 2022 - Present
- **Narayana Junior College** Hyderabad , Telangana  
Intermediate with Science, **Percentage: 83.4%** Apr 2019 - Mar 2021
- **Narayana High School** Hyderabad, Telangana  
Matriculation, **CGPA: 9.00** May 2016 – Apr 2017