Prajwal Dongre

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Education

NIT Warangal, PG Diploma Specialization in AI and ML 1/2023 – 6/2024   GPA: 4.0/4.0
Pune University, Bachelors in Computer Applications 06/2019 – 04/2022   GPA: 3.6/4.0

Skills

Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow, Keras, PyTorch, HuggingFace, NLTK, RAG
Tools: Looker, Tableau, Power BI, BigQuery, Hive, Spark, Jupyter, VSCode, Docker
Languages: SQL (Optimization), MySQL, Python, Golang
Industry Focus: BFSI Analytics, Cloud Analytics, Business Intelligence (BI)

Experience

Data Analyst Intern, Trainity   11/2022 – 03/2023

- Ensured data integrity and performed anomaly detection while analyzing large BFSI datasets (307,511 rows).
- Optimized SQL queries for performance and built dashboards using Tableau, Power BI, and Looker.
- Conducted data quality control audits, identifying a 69% imbalance in loan approvals.
- Integrated Equifax-like BFSI datasets with BigQuery and GCP Cloud Analytics for analysis.

Data Science Intern, Corizo   8/2022 – 10/2022

- Cleaned and processed 65,000+ records, ensuring data quality control for financial data modeling.
- Conducted data anomaly detection and designed BI dashboards using Looker Power BI.
- Developed a data governance framework for maintaining BFSI data integrity in structured datasets.

Projects

Retail Analysis Dashboard (GitHub Link)

- Built an interactive BI dashboard using Tableau, Power BI, and Looker to analyze 3,900+ customer transactions.
- Implemented SQL-based data reporting and visualization best practices for BFSI and retail analytics.
- Used BigQuery for handling large-scale business data and driving insights.

SQL Query Generator (GitHub Link)

- Created an AI-driven SQL query generator leveraging best practices in SQL optimization and coding efficiency.
- Designed a Flask-based web application, integrating BigQuery and cloud databases (GCP, AWS).

Question-Answer LLM (GitHub Link)

- Developed a Retrieval-Augmented Generation (RAG) system utilizing a hierarchical index of textbook content, improving question-answering accuracy by integrating structured content retrieval with a pre-trained RoBERTa model.
- Engineered a hierarchical indexing solution to parse and structure textbook data into a nested JSON format, enabling efficient content retrieval based on chapter and section hierarchies, significantly enhancing information access.

Achievements

MLDS 2025 | Sequence Classification Hackathon (MachineHack) (Certificate)

- Achieved Rank 10 in the MLDS 2025 | Sequence Classification Hackathon.

Wind Turbine Power Generation Hackathon (MachineHack) (Certificate)

- Secured 10th rank in the Wind Turbine Power Generation Prediction Hackathon.