PAVAN SANNAIK
DATA SCIENTIST

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<u>LinkedIn</u> • Portfolio

SUMMARY

Aspiring Data Scientist with a strong interest in statistics and data along with strong mathematical knowledge. With a Bachelors in Computer Science and Masters in Data Science, I like to turn complex data into clear, interesting visual stories using Python. I'm eager to keep learning from my mentors and juniors as well, and contribute to the team with my technical and soft skills.

SKILLS

Technical Skills			Soft Skills	
Python Programming	Big Data Analytics	Data Wrangling	Time Management	Well Organized
Machine Learning	Data Visualization	Statistical Analysis	Collaboration & Teamwork	Adaptive Learner

PROJECTS

One Sample T-Test

- Created a Python program that compared group data with a fixed average using t-test.
- Used graphs to show results of t-test along with key details such as average, p-value, etc. for easy understanding.

Single and Multi Agent Tic-Tac-Toe

- Built Q-learning agents using Python to learn Tic-Tac-Toe for single and multi agent.
- Added Key parameter tuning and plotting results to showcase the final result.

Movie Recommendation System

- Developed a Flask web application that recommends movies to user by title or genre using Python, Pandas and scikit-learn' cosine similarity.
- Combined movie features by filtering and served results as a JSON API

RAG Chatbot

- Created a FastAPI app for PDF-based Q&A using LangChain and Chroma.
- User uploaded documents are split into chunks, embedded and stored.
- Queries trigger similarity search and an Ollama LLM was used to return context-rich answers.

EDUCATION

Master of Science in Data Science   **June 2024 - Present**

Goa University, Taleigao Plateau, Goa
- Studied AI basics, ML, Design Thinking, Hadoop, Big Data Analytics, Software Engineering.

Bachelor of Science in Data Science   **Sep 2021- May 2024**

Dhempe College of Arts and Science, Miramar, Goa
- Relevant coursework in Data structures and Algorithms, Database Management Systems, Data Science, Embedded Systems.
- CGPA 9.77

ADDITIONAL INFORMATION

- **Languages:** Konkani (Native), English (Advanced), Hindi(Intermediate), Marathi(Beginner).
- **Awards/Activities:** Received the "Certificate of Merit" for scoring maximum marks in the TYBSc examination 2023-24.
  - Won 2nd place in Tri-math-lon, 1st place in Most Vibrant Team in X-iom 2023, Government College of Arts, Science & Commerce, Sanquelim-Goa.
  - Attended various workshops such as AR&VR, Robotics & Automation, Our Dynamic Planet, etc.
- **Interests:** Badminton, Gaming, Movies/TV Shows, Gym Workout