Akshat Pandey

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Summary

Results-oriented Data Scientist with nearly 2 years of hands-on experience in Python, SQL, Machine Learning, Deep Learning, and Generative AI. Proven track record of transforming complex data into actionable insights and driving data-driven decision-making.

Skills

Languages: Python, SQL, C++, TypeScript
Data Science: PySpark,Pandas,Scikit-learn TensorFlow, PyTorch, Transformers, Langchain

Experience

Axtria   *August 2023 – Present*
Next Best Action Recommendation Engine

- Led the team to a successful launch of the brand, driving a **2.5%** increase in sales.
- Designed and implemented the **Digital Engagement Module**, leveraging ML-based algorithms to predict future engagement probabilities, increasing click rates by **15%**.
- Developed the **3Cmix Module**, utilizing RNNs to generate effectiveness scores for each engaged channel and doctor.
- Built the **Matrix Completion Engine**, applying Neural Collaborative Filtering (NCF) to assess the effectiveness of the channel and the doctor.

RepAI

- Developed a **Gen AI POC** application implementing a text-to-Pandas approach for a client.
- Successfully enabled the application to answer stakeholder queries, leading to its adaptation and presentation as a potential use-case to multiple clients.

Axtria   *May 2022 – July 2022*
R&D Team (Intern)

- Worked with automation testing team in testing and reporting bugs for DataMAx product of Axtria
- Worked on tech stack consisting of SQL , Typescript and Selenium for accomplishing the task.

Education

Indian Institute of Technology, Dhanbad   *July 2021 – May 2023*
Master of Science in Mathematics and Computing,GPA:9.10

Delhi University   *July 2018 – May 2021*
Bachelor of Science in Mathematics ,GPA:8.96

City Montessori School

- 12th ISC Board, Percentage: 94.25
- 10th ICSE Board, Percentage: 89.60

Projects

CodeQuest   *CodeQuest* ↗

- A code review agent built using offline LLM models which accepts the file path and provides a code review.

Awards

Bravo Award: Equivalent to the employee of the quarter.

You inspire us award: For collaborative team work.