Aman Soni

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	VIT,Bhopal	8.51	2022-Present
Senior Secondary	MSBSHSE	90	2021
Secondary	ICSE	90.4	2019

Skills

- **Technical Skills**: Java, OOPS, Python, DSA, Data Visualization, Power Bi, Excel, SQL, ML/DL, DBMS, AWS,
- **Libraries**: Numpy, Pandas, Scikit-Learn, Seaborn,joblib
- **Tools**: MS Excel, VSCode, Jupyter Notebook, MATLAB
- **Soft Skills**: Multi-Tasking, Problem-Solving, Collaborative, Communication, Discipline

Projects

Predictive Churn Analysis Dashboard using Power BI | *GitHub*

- Engineered a Power BI dashboard for telecom churn analysis, integrating SQL for data manipulation and achieving 85% prediction accuracy with Random Forest.
- Reduced churn rate by 15% through data-driven insights and targeted retention strategies

Zomato Exploratory Data Analysis | *Github*

- Developed a telecom churn analysis dashboard using SQL, achieving 85% predictive accuracy with a Random Forest model.
- Developed 10+ visualizations that highlighted key trends in customer ratings, pricing, and popularity, driving data-driven strategies to enhance restaurant performance.

Stock Market Prediction Model | *Github*

- Built a custom OpenAI Gym environment and trained a Dueling Deep Q-Network (DQN) agent to make buy/hold/sell decisions using historical OHLCV data and technical indicators (RSI, MACD, Bollinger Bands).
- Achieved a peak Sharpe Ratio of **9.12** through reward engineering, rolling window training, and performance visualisation across **500+** episodes using reward curves, equity growth, and risk-adjusted metrics.
- **Tech used :** Python, PyTorch, Gym, TA-Lib, Pandas

Experience

OCI Data Science Professional Course   February 2025-June 2025

- Completed Oracle-certified OCI Data Science Professional training, gaining hands-on expertise in deploying ML models, data preprocessing, and automation on Oracle Cloud Infrastructure; improved project execution efficiency by 30% through optimized workflows.
- Applied advanced data science techniques (regression, classification, clustering, and model evaluation) during training labs, achieving 95%+ model accuracy in capstone projects and enhancing data-driven decision-making capabilities.

AI Data Engineer Intern — DMII (EdTech Startup)   December 2024 – March 2025

- Designed scalable data pipelines (Python, SQL) to process 50k+ records daily, improving accessibility by 30% and cutting preprocessing time by 40%
- Built ML models for course recommendations, boosting accuracy by 18% and CTR by 22%, leading to 15% higher user engagement.

Positions of Responsibility

- **Lead of the Content Team at the UX Club :** Lead a team of 100 members in the Club's various events organized at the University. Managed conflict resolution and ensured a safe, enjoyable environment for participants and attendees.Organized and supervised team meetings, delegating tasks effectively to enhance event efficiency