

AMIT MAURYA

Data Analyst

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ABOUT ME

DataAnalyst with a strong foundation in Python, Pandas, SQL, and statistics, and hands-on experience in data analysis and exploratory data analysis. Currently working on a machine learning project involving an autonomous car simulation to build practical understanding of ML concepts. Seeking a Data Analyst internship or trainee role to learn and apply machine learning in real-world problems.

EDUCATION

Bhavan's College | 2023 - 2026

Bachelor's of Science in Information and Technology

Shankar Narayan | 2021 - 2023

Senior Secondary (Commerce)

SKILLS

Python: Data analysis using Pandas & NumPy, OOPs concepts

SQL: Data extraction using joins, aggregation, and filtering

Excel: Business reporting using Pivot Tables, VLOOKUP, formulas

DSA Fundamentals: Arrays, Linked Lists, Stack, Queue, hashing techniques

Descriptive Statistics: Basic Stats (mean, median, mode)

Data Cleaning & Preprocessing: handling missing values & duplicates

Machine Learning (Learning / In Progress)

PROJECTS

Autonomous Car Simulation (Reinforcement Learning)

Unity Engine | C# | ML-Agents

- Built a city-based driving simulation with realistic car physics
- Implemented ray-based sensors and a custom ML-Agent for obstacle-aware navigation
- Developed modular controls for manual driving and RL training (PPO-ready)

Exploratory Sales Data Analysis using Pandas

Python, Pandas, NumPy, Matplotlib, Seaborn

- Analyzed retail shopping data to study customer purchase behavior
- Identified popular products, payment methods, and location-wise trends
- Applied Pandas and descriptive statistics to evaluate spending patterns
- Visualized insights using Matplotlib and Seaborn

Frontend Development Projects

- Built responsive websites using HTML, CSS, and JavaScript
- Implemented basic interactivity and UI logic using JavaScript

More Work on: <https://github.com/Amit-1216>

Portfolio: <https://amit-1216.github.io/>