AMANDIP SINGH

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Technical Skills

Programming & Databases: Python, Pandas, NumPy, SQL, MySQL
Visualization Tools: Power BI, Microsoft Excel (PivotTables, PivotCharts, Slicers)
Other Skills: Advanced Excel, Data Cleaning, Business Analysis, Data Analysis, Customer Acquisition
Machine Learning: KNN, Linear Regression, Random Forest, Model Comparison
Tools & Platforms: GitHub, Jupyter Notebook

Projects

Tata Group Data Visualization Job Simulation | Forage — Python, SQL, MySQL, Power BI

- Cleaned and analysed **541K+ online retail records** with **Python/Pandas** and **MySQL**, then built a multi-page **Power BI dashboard** to track **$10.6M+ in sales** and compare revenue trends, products, and country-level performance.

Customer Analytics Dashboard | Python, SQL, Power BI

- Cleaned **3.9K+ customer records** with **Python/Pandas**, imputed missing review ratings, and engineered age-group and purchase-frequency features; built a **Power BI KPI dashboard** showing **$59.76 average purchase value**, **3.75 average review rating**, and **Clothing as the top category ($104.3K)**.

Car Sales Dashboard | Power BI, Python

- Analysed **23.9K+ vehicle records** and identified **SUVs as the top body style ($170.6M in sales value)**; built an interactive **Power BI dashboard** with slicers and drill-downs to compare performance by company, model, transmission, and dealer region.

Sales Analysis Dashboard | Microsoft Excel (PivotTables, PivotCharts, Slicers)

- Analysed **14.3K+ customer-shopping records** and built an interactive **Excel dashboard** using **PivotTables, PivotCharts, slicers, and a map view** to track **$862.45K in total purchase value**; identified **Clothing as the top category ($384.95K)** and compared sales by season, age group, payment method, subscription status, and purchase frequency.

Certificates

- **Data Visualisation: Empowering Business with Effective Insights — Tata Group Job Simulation**
  Forage — Jul 2026
- **SQL (Basic)** — Jun 2026
  HackerRank

Education

GGDSD College Chandigarh — Jun 2025 – Expected Jun 2027
M.Sc Information Technology
Current Aggregate: 85%

- Awarded college merit scholarship for academic excellence in the 2nd semester, scoring 89% (2026).
- Awarded college merit scholarship for academic excellence in the 1st semester, scoring 81% (2025).

GGDSD College Chandigarh — Jun 2022 – Jun 2025
Bachelor of Computer Applications
Aggregate: 73%

- Awarded college merit scholarship for academic excellence in the 6th semester, scoring 88% (2025).
- Awarded college merit scholarship for academic excellence in the 4th semester, scoring 86% (2024).