Manas Paliwal

Udaipur, Rajasthan | manaspaliwal18@gmail.com | LinkedIn | GitHub | Portfolio Dashboard

EDUCATION

University College of Engineering and Technology, BTU   Bikaner, Rajasthan
Bachelor of Technology in Information Technology   *Sep. 2024 – Sep. 2028*

Board of Secondary Education Rajasthan | *12th Grade (Science/Math)* | **86.60%**   June 2023 – May 2024

TECHNICAL SKILLS

Languages/Libraries: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, TypeScript, Next.js, REST APIs.
Analysis & BI: Power BI (DAX), Excel (Advanced), EDA, Statistical Modeling, A/B Testing, Pareto/Funnel Analysis.
Process & Tools: ETL Pipelines, Data Engineering, Dashboard Design, Git, Jupyter Notebook, VS Code.

PROFESSIONAL EXPERIENCE

Jewel e Bazaar | Live MVP   Nov. 2024 – Present
Founder & Data Analyst   *Udaipur, Rajasthan*

- Engineered automated ETL pipelines (Python) for 500+ customer reviews, reducing processing time by **75%**[cite: 20].
- Led market research across 50+ retailers; synthesized data into product strategy and feature prioritization[cite: 16].
- Built MVP platform using Python/Next.js with data frameworks for merchant performance and review sentiment[cite: 14, 15].
- Designed Power BI dashboards (DAX) to monitor conversion funnels and platform KPIs for real-time decision making[cite: 15].
- Developed statistical trust-scoring algorithms incorporating review sentiment and verification status[cite: 17].
- Registered startup under **iStart Rajasthan (Govt. Initiative)** for innovative data-driven business development[cite: 21].

KEY ANALYTICS PROJECTS

Olist Logistics Command Center | *Python, SQL, Power BI, DAX*   2024
- Analyzed 100k+ transactions; applied **Pareto Analysis** identifying that 20% of routes caused 80% of delays[cite: 25, 26].
- Projected a **3.2-day reduction** in delivery time and 15% cost savings through targeted intervention strategies[cite: 26, 29].
- Engineered interactive DAX tracking for OTD rate, carrier performance, and regional delivery patterns[cite: 26].

PocketBuddy Finance Analytics | *Python, TypeScript, Next.js, Statistics*   2024
- Developed logic-driven spending algorithm using variance analysis, achieving **89% accuracy** in forecasting[cite: 32, 33].
- Built anomaly detection (85% precision) to flag unusual patterns and automated pipelines for 99.5% data accuracy[cite: 34, 36].

CERTIFICATIONS

IBM Data Science Professional Certificate: Python, SQL, Data Visualization, and Statistical Methods[cite: 48, 49].
iStart Rajasthan Startup Recognition: Official government recognition for entrepreneurial innovation[cite: 50].