ANKIT YADAV

GMAIL | LINKEDIN | GITHUB | PORTFOLIO | KAGGLE

"Result Driven Data Analyst proficient in SQL, Python and Power BI, with expertise in machine learning, A/B Testing , statistical modeling, and business intelligence to optimize decision and presenting analytical findings to stakeholders. Seeking to leverage analytical business acumen in a consulting or analytics role ."

EDUCATION

Oriental Institute Of Science And Technology   **Sep 2023 – May 2027**

Bachelor of Technology, B.Tech in Data Science | CGPA - 8.01

PROJECTS

Product Performance&Warehouse Optimization   **Retail** | Python,A/B Testing,Mysql,Tableau| LINK

➤ Developed an integrated warehouse-sales optimization model analysing 50k + transaction records to identify cost reduction opportunities and revenue concentration patterns across product categories. .

➤ Applied Pareto analysis revealing that 20% of products generated 70% of revenue, enabling strategic inventory prioritization and projected annual cost savings of $2.8M through optimized storage allocation

➤ Conducted A/B testing on promotional strategies across product segments, achieving 95% statistical confidence in identifying high-performing campaigns with 18% higher conversion rates

Financial Health & Risk Optimization   **Finance** | Python,,Mysql,Excel,Tableau,Git | LINK

➤ Analyzed investment behavior patterns across 12,000+ individual profiles, examining correlations between demographics, saving goals, risk appetite, and portfolio allocation using multivariate statistical analysis

➤ Implemented K-Means clustering with PCA dimensionality reduction to segment investors into 5 distinct risk-return profiles, achieving silhouette score of 0.68 for optimal cluster validation

➤ Performed feature engineering on 30+ variables including income brackets, investment horizon, and asset allocation to enhance predictive modeling accuracy by 23%

Urban Mobility Analysis   **Operational Analytics** | Python,Mysql,Power Bi *,Git* | LINK

➤ Analyzed 100,000+ ride-booking records to evaluate operational efficiency metrics including cancellation rates, profitability per kilometer, and customer satisfaction scores across vehicle categories

➤ Identified optimization opportunities showing Bikes and Mini vehicles achieved 92% completion rates while SUVs and eBikes exhibited 30% higher cancellation rates, informing fleet rebalancing strategies

➤ Designed Power BI dashboards with drill-down capabilities presenting ride success rates, revenue segmentation by payment type and customer rating distributions, enabling real-time monitoring for operations teams.

TECHNICAL SKILLS

Programming & Data Tools: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Excel(Pivot Tables, VLOOKUP, Macros)
Data Visualization & Database: Tableau, Power BI, MySQL , Google BigQuery , AWS(S3,EC2)
Advance Skills: Machine Learning , Web Scraping , A/B Testing, Statistical Analysis,Time Series Analysis,Ai Tools
Developer Tools: Git/GitHub, Jupyter Notebook,VS Code, Google Sheets, Google Colab

CERTIFICATIONS

DELOITTE AUSTRALIA   TATA CONSULTANCY SERVICES
IBM ANALYTICAL SKILL   COURSERA EXCEL