

ANKIT YADAV

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"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 analyzing 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, savings 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-Basic)

Advanced 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 Analytical Certificate](#)

[IBM Data Analytics Professional Certificate](#)

[Tata Data Visualization Certificate](#)

[COURSERA EXCEL Certificate](#)