Yash

Mumbai, India | +91 72770 08653 | yash.yash2198@gmail.com | LinkedIn | Git_repo

PROFESSIONAL SUMMARY

Data Analyst with expertise in SQL, Power BI, Excel, and Python for transforming large datasets into actionable business insights. Skilled in data discovery, problem framing, model evaluation, and cross-functional collaboration. Experienced in documenting and communicating analytical outputs to both technical and non-technical stakeholders. Possess theoretical knowledge of BigQuery and the GCP ecosystem, with a strong commitment to continuous learning and adopting new tools in professional settings.

EXPERIENCE

Research Intern

Reserve Bank of India | Mumbai | Jan 2025 – Present

➔ Led data discovery, preparation, and in-depth analysis of the HCES 2022–24 dataset (~12M records) to uncover trends and generate actionable insights in digital inclusion and consumption.
➔ Engineered optimized SQL queries and executed statistical modeling (OLS, logistic, probit) in Python to deliver predictive analytics supporting policy initiatives.
➔ Designed and implemented interactive Power BI dashboards and advanced Excel reports to present findings aligned with business objectives and stakeholder requirements.
➔ Safeguarded data quality and integrity through systematic validation procedures and cleansing strategies.
➔ Partnered with data engineers, subject-matter experts, and policy teams to ensure analytical outputs addressed strategic priorities.
➔ Authored comprehensive documentation detailing analytical workflows to promote transparency, reproducibility, and knowledge sharing.

Project Assistant

Indian Institute of Management Lucknow | Lucknow | Nov 2024 – Jan 2025

➔ Collected, validated, and analyzed operational data from **50+ units in 20 districts**, framing problems with stakeholders and preparing data for analysis.
➔ Designed **Excel and Power BI dashboards** to track operational KPIs and identify performance gaps.
➔ Applied **data cleansing and validation** procedures to maintain data integrity.
➔ Produced structured reports and **documentation** to support program optimization.

KEY PROJECTS

➔ Customer Behavior Analytics (SQL & Tableau) – Built normalized SQL database; extracted KPIs (CLV, churn, retention) from 10K+ transactions; visualized churn trends and retention curves.
➔ Digital Inclusion Analysis (RBI) – Modeled socio-economic drivers of digital adoption, informing inclusion strategies.
➔ Machine Learning Classification Project – Built supervised classification model to predict customer churn using decision trees and evaluation metrics.

SKILLS

Data Analysis & BI: Exploratory Data Analysis (EDA), KPI Tracking, Predictive Analytics, Business Intelligence Reporting

Tools & Languages: SQL (Joins, Window Functions, CTEs, Aggregations), Python (pandas, numpy, matplotlib, seaborn), R, Power BI, Tableau, Excel (Advanced Functions, Pivot Tables, Lookups)

Data Management : BigQuery (theoretical), GCP Ecosystem (theoretical), Statistical Modeling, Data Cleansing, Data Validation, Data Documentation, API extraction, ETL

EDUCATION & CERTIFICATIONS

Master's in Economics | **Pondicherry University** | Dec 2022 – May 2024

CERTIFICATIONS

Python (Udemy) | Python & R for Data Analysis (Udemy) | Power BI & Excel for Data Analysis (LinkedIn) | SQL for Data Analysis (LinkedIn) | Business Analysis Forecasting (Udemy) | GenAI Foundations (upGrad)