

Shariq Mukadam

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SUMMARY

Data Analyst with hands-on expertise in Python, SQL, Power BI, Tableau, Excel, and Pandas. Delivered 4 end-to-end analytics systems on 10M+ row government datasets — each producing ROI-quantified business recommendations across fintech, road safety, public health, and job market domains. Tableau Certified · SQL Certified · DataCamp DA Certified.

PROJECTS

UPI Ecosystem & Financial Inclusion Intelligence Dashboard | [GitHub](#)

- Built an end-to-end analytics pipeline ingesting 77 months of NPCI/RBI government CSVs across 13 verified sources (Nov 2019–Mar 2026) — cleaned, feature-engineered 18 metrics, and modeled raw governmental data into a structured PostgreSQL analytical layer (4 tables, 5 SQL queries) for downstream Power BI reporting
- Identified 12 digitally underserved states (MP, Assam, Bihar leading) holding 255.9M Jan Dhan accounts at below-national-average deposit-per-account rates — quantified 12,417 Crore in untapped deposit potential
- Designed 4-page Power BI dashboard covering UPI growth trends, ecosystem health, payment intelligence, and financial inclusion gap analysis across era classification and state-level digital penetration

India Road Accident Pattern Intelligence — Highway Risk Analytics | [GitHub](#)

- Built a highway risk intelligence system processing 5 years of MORTH accident reports — transforming unstructured government PDFs into a structured 4-dimensional analytical dataset (state × cause × vehicle type × time-of-day) enabling fatality pattern analysis across all Indian national highways
- Developed fatality heatmap and time-of-day mortality dashboard revealing night truck accidents (10PM–4AM) are 3.4× more fatal than daytime — enabling time-segmented risk modeling for fleet and insurance analytics
- Pinpointed NH-48 as critical risk corridor (8.3% of fatalities, 2.1% of highway length); telematics-based pricing recommendation projected to reduce insurer exposure by 340Cr annually

India Analytics & AI Job Market Pulse | [GitHub](#)

- Built a live job market intelligence tool scraping 500+ weekly postings from Naukri, LinkedIn, and Internshala — tracking skills, salaries, and hiring trends across 25+ DA/DS/ML/AI titles in real time
- Groq LLM integration auto-extracts and normalizes demanded skills from unstructured JDs across 15+ cities — zero manual labelling, fully automated weekly refresh
- Streamlit dashboard revealed SQL + Python + Power BI in 78% of DA postings; surfaced top 5 ROI skills and salary benchmarks segmented by city and role type

India Air Quality & Public Health Correlation Analysis | [GitHub](#)

- Public health analytics system correlating CPCB AQI station data with NFHS health records across 20+ Indian cities — cleaning and standardizing 10M+ rows of multi-source government data
- SciPy Pearson correlation between PM2.5/PM10 levels and respiratory disease incidence identified 3 urban clusters sustaining AQI above 200 with 2.8× the national hospitalization rate
- Built seasonal AQI heatmaps and health-risk scorecards in Power BI across 20+ cities; emission-reduction recommendations for 5 high-risk industrial corridors delivered as a prioritized policy intervention roadmap

TECHNICAL SKILLS

Languages: Python, SQL

Databases: PostgreSQL, SQLite, MySQL

BI & Visualisation: Power BI, Tableau, Excel(XLOOKUP, Pivot Tables), Plotly, Streamlit, DAX, Power Query

Libraries: Pandas, NumPy, SciPy, Scikit-learn

Tools: Selenium, BeautifulSoup, Camelot, Git, GitHub, Jupyter Notebook, VS Code, Google Colab

Concepts: ETL, EDA, Statistical Analysis, Feature Engineering, Web Scraping, LLM Integration

EDUCATION

Bharati Vidyapeeth Deemed to be University (BVDU)

Bachelor of Computer Applications (BCA) – CGPA: 8.61/10

Pune, India

Aug. 2023 – May 2026

CERTIFICATIONS

Python Data Associate Certification | *DataCamp*

June 2026

SQL Associate Certification | *DataCamp*

June 2026

Data Analyst Career Certification | *DataCamp*

2026

Tableau Certified Data Analyst | *DataCamp*

2026

Excel Skills for Business Specialization | *Macquarie University, Coursera*

2026