VISHWAS GURAV

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with hands-on experience from a 4-month internship at Unified Mentor working on real datasets — data cleaning, SQL-based reporting, EDA, and Power BI dashboards. Independently analyzed 20,000+ cybercrime records for a district-level trend study with geospatial mapping. Proficient in Python (Pandas, NumPy, Seaborn), SQL (MySQL), Power BI (DAX), and Excel. Comfortable working through messy data, building clear dashboards, and communicating analytical findings in a structured way. Experienced in business intelligence and reporting-focused workflows. MCA Data Science, Shivaji University (2026).

TECHNICAL SKILLS

Languages: Python, SQL (MySQL)
Analytics & BI: Power BI (DAX, Power Query), Excel (Pivot Tables, VLOOKUP, Charts), Tableau
Python Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, NLTK
Core Skills: EDA, Data Cleaning, Data Wrangling, Statistical Analysis, KPI Reporting, Dashboard Development, Data Visualization, Business Intelligence, Trend Analysis, Ad Hoc Queries
Tools & Platforms: Jupyter Notebook, VS Code, Git, GitHub

PROFESSIONAL EXPERIENCE

Data Analyst Intern — Unified Mentor Private Limited Dec 2025 – Mar 2026

- Cleaned and standardized datasets of 5,000–15,000 records using Python (Pandas) and Excel — handled missing values, duplicates, and formatting inconsistencies to prepare data for analysis.
- Used SQL to extract and aggregate data from relational tables through joins, filters, and grouped queries; supported ad hoc reporting and multi-dataset trend analysis.
- Built Power BI dashboards tracking 10+ business KPIs using DAX measures and Power Query; delivered bar charts, trend lines, and KPI cards for internal review.
- Ran EDA on multiple project datasets to identify patterns and outliers; documented findings in structured reports covering methodology, charts, and key observations.

INDEPENDENT ANALYTICAL PROJECT

Cybercrime Trend Analysis — Kolhapur District Python • Pandas • Matplotlib • Data Visualization

- Collected, cleaned, and structured 20,000+ cybercrime complaint records (2019–2025) from district-level reporting datasets and publicly available cybercrime references for multi-year trend analysis.
- Analyzed FIR-vs-complaint gaps, year-on-year complaint volume, and fraud category distribution using Python and Pandas — identified trends in online financial fraud complaints after 2021.
- Built geospatial hotspot maps using Matplotlib to highlight high-complaint areas across Kolhapur; cross-referenced geographic density with category-level data.
- Prepared a structured analytical report covering methodology, trend charts, key findings, and limitations.

PROJECTS

Supply Chain Management Dashboard — Python • SQL • Power BI • DAX

- Built a Power BI dashboard tracking supply chain KPIs — delivery performance, inventory levels, and order fulfilment — using DAX measures and Power Query.
- Used SQL to extract and join data from relational tables; applied Python for data cleaning and outlier detection before loading into Power BI.

IBM HR Analytics — Employee Attrition — Python • EDA • Scikit-learn • Seaborn

- Explored the IBM HR dataset (1,470 records) to identify key attrition drivers using correlation analysis, feature importance, and department-level EDA.
- Visualized attrition across job roles, tenure, and salary bands; built a logistic regression classifier with 83% baseline accuracy.

Twitter Financial News Sentiment Analysis — Python • NLP • NLTK • Pandas

- Classified 5,000+ financial tweets as positive, negative, or neutral using NLTK sentiment scoring with preprocessing — tokenization, stop-word removal, and lowercasing.
- Identified that negative sentiment spikes correlated with major market events; visualized findings using Seaborn bar charts and trend plots.

Uber Trip Demand Analysis — Python • Pandas • Statistical Analysis • Matplotlib

- Analyzed Uber trip data to identify peak demand periods, busy pickup zones, and day-of-week patterns using Pandas and statistical analysis.
- Found Friday evening (6–9 PM) demand running approximately 2.8x the weekday average; produced a demand heatmap by hour and weekday.

Note: Project portfolios, source code repositories, dashboards, and supporting documentation can be reviewed through the GitHub and LinkedIn profiles provided above.

EDUCATION

Master of Computer Applications (MCA) — Data Science — 2024 – 2026

Shivaji University, Kolhapur, Maharashtra

CERTIFICATIONS

- Deloitte Australia — Data Analytics Job Simulation (Forage) • 2025
- Data Science — Cisco • 2025

ACADEMIC ENGAGEMENTS

- Presented Somnus Analytics at Avishkar Research Competition (Shivaji University) — a data-driven sleep health study covering data collection, EDA, visualization, and analytical reporting.
- Developed and deployed a personal portfolio website (vishwasgurao.in) to showcase analytics projects, dashboards, certifications, and technical work.
- Prepared structured analytical reports and project documentation covering methodology, findings, visualizations, and project limitations across multiple data projects.
- Built and documented analytics projects involving dashboard development, trend analysis, data visualization, and business reporting using Python, SQL, Excel, and Power BI.