SAURABH KUMAR

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SUMMARY

Analytical and detail-oriented Data Analyst with hands-on experience in data cleaning, visualization, and business re- porting. Skilled in Python, SQL, Excel, and Machine Learning for transforming raw datasets into actionable business insights. Experienced in KPI tracking, dashboard creation, statistical analysis, and process automation to support data- driven decision-making. Adept at collaborating with cross-functional teams and delivering insights that improve efficiency, revenue, and reporting accuracy.

EDUCATION

- B.Tech (Computer Science) – Technocrats Institute of Technology and Science, Bhopal | 2021–2025 | 80%
- Intermediate – Jawahar Navodaya Vidyalaya, Darbhanga | 2019–2021 | 78%
- Matriculation – Jawahar Navodaya Vidyalaya, Darbhanga | 2019 | 80%

SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Tensorflow), SQL (MySQL, PostgreSQL, MS SQL Server)

- **Data Analysis Visualization:** Data Cleaning Preprocessing, Data Visualization (Power BI, Matplotlib, Seaborn).

- **Statistical Analytical Skills:** Hypothesis Testing, Regression Analysis, Descriptive and Inferential Statistics.

- **Business Intelligence Reporting:** Power BI Dashboarding, Excel (VLOOKUP, HLOOKUP, PivotTables, Advanced Formulas).

- **Machine Learning:** Supervised and Unsupervised Learning, Classification and Regression Models, Feature Engineering, Model Evaluation (Accuracy, Precision, Recall, F1-score).

- **Tools:** GitHub, Visual Studio Code, Jupyter Notebook, Pycharm, MATLAB, MS Power Query, Google Sheets.

- **Soft Skills:** Communication, Leadership, Team Management.

EXPERIENCE

- **Data Analyst – Ninez Tech | July 2025 – Present**
  - Analyze data using Python, SQL, Excel, and Power BI to support decision-making.
  - Build automated reports to improve efficiency and track performance.
  - Collaborate cross-functionally to translate business requirements into actionable insights and technical solutions.
  - Provide technical expertise in data architecture, dashboard development, and process optimization.
  - Mentor junior analysts and contribute to internal knowledge sharing through documentation and training sessions.

- **Data Analytics Intern – Coding Thinker | Feb 2024 – Aug 2024**

  Analyze data using Python, SQL, Excel, Power BI to deliver insights and automate reports. Support business teams with technical solutions, dashboards, and process improvements.

PROJECTS

- **Banking Analytics Dashboard: Revenue Forecasting & Process Optimization**
  - Developed a complete banking analytics solution using Python and SQLite to forecast revenue, validate financial data, and optimize lending processes. Delivered static HTML dashboards with KPIs, reconciliation reports, and UAT test cases for business insights.

- **Face Mask Detection**
  - Developed using CNN and Python, accurately classified images in real-time to detect mask usage.
  - Trained the model on a diverse dataset to accurately classify individuals as mask-wearing or non-mask-wearing in real-time, ensuring compliance with health protocols.

ACHIEVEMENTS

- Earned a 4-star rating in Python on HackerRank.
- Solved over 600+ coding problems on CodeChef.
- Achieved 3rd rank in district in the Dainik Jagran Inventors Exam.
- Awarded second runner-up in the IBM Model Craft Competition organized by IBM.
- Secured an All India Rank of 7639 in the All India NCAT examination.

CERTIFICATION

- Powered Data Analytics Job Simulation – Forage (Aug 2025) | View Certificate
  Tasks: EDA & risk profiling, AI-driven delinquency prediction, business reporting, collections strategy.
- Analysis & Process Management – Coursera Project Network (Aug 2025). | View Certificate