Aakash Saxena

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Education

VIT-Bhopal University — Madhya Pradesh
Master of Computer Applications|CGPA:7.92 — *July 2024 – Present*

Vivekananda Institute of Professional Studies — Delhi
Bachelor of Computer Applications|CGPA:8.62 — *Dec. 2021 – June 2024*

Experience

Data Science Intern — *May 2023 – July 2023*
IBM SkillsBuild (CSRBOX Program) — *Remote*

- Worked with sensor and time-series datasets to study equipment failure and maintenance patterns
- Applied Logistic Regression, Decision Trees, ARIMA, and LOF models to analyze predictive maintenance scenarios
- Cleaned and prepared data using Python (Pandas, NumPy, SciPy) and created visualizations to interpret results

Projects

Bellabeat Smart Device Usage Analysis | *SQL (BigQuery), Looker Studio* — *Jan. 2026 (completed)*

- Cleaned and merged 900+ daily logs using SQL (Joins, String Parsing) to unify complex datasets.
- Built Looker Studio dashboards revealing that "Very Active" users sleep ~1.5 hours less than sedentary users.
- Proposed a "Recovery-First" marketing strategy to stakeholders to address the negative impact of high intensity on rest.

Cyclistic Bike-Share Case Study | *Excel* — *Nov. 2025 (completed)*

- Analyzed 83K+ trip records to compare usage patterns of casual riders vs. annual members.
- Found that casual riders take longer weekend rides, while members ride shorter, frequent weekday trips.
- Proposed marketing strategies to convert casual riders into annual members.

Technical Skills

- **Programming & Querying:** Python (Pandas, NumPy), SQL (MySQL, BigQuery), R, Java, JavaScript, C++
- **Data Analysis & Visualization:** Power BI, Tableau, Looker Studio, Excel, Google Sheets, Matplotlib
- **Data Handling & Analytics:** Data Cleaning, Data Wrangling, EDA, Statistical and Time-Series Analysis, Trend & Pattern Analysis
- **Databases & Data Sources:** BigQuery, MySQL, CSV, Excel, Kaggle
- **Tools & Platforms:** Git, GitHub, VS Code, Google Cloud Platform

CERTIFICATIONS

- **Google Data Analytics Professional Certificate (Coursera):** Covered Data Cleaning, SQL, Spreadsheets, Visualization (Tableau, Power BI), Business Problem Solving.
- **Deloitte Australia - Data Analytics Job Simulation:** Used Tableau and Excel to analyze data and created visualizations.