

# Aakash Saxena

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## EDUCATION

### VIT-Bhopal University

Master of Computer Applications | CGPA: 7.92

Madhya Pradesh

July 2024 – Present

### Vivekananda Institute of Professional Studies

Bachelor of Computer Applications | CGPA: 8.62

Delhi

Dec. 2021 – June 2024

## EXPERIENCE

### Data Science Intern

Aug. 2025 (4-week internship)

#### Prodigy InfoTech

Remote

- Performed exploratory data analysis (EDA) on public datasets (Titanic, Twitter sentiment, traffic) to identify patterns and trends
- Created visualizations using Matplotlib, Seaborn, and Tableau to summarize and present findings

### 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.