

# Aakash Saxena

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## EDUCATION

<b>VIT-Bhopal University</b> <i>Masters of Computer Applications / CGPA:7.92</i>	Madhya Pradesh <i>July 2024 – Present</i>
<b>Vivekananda Institute of Professional Studies</b> <i>Bachelor of Computer Applications / CGPA:8.62</i>	Delhi <i>Dec. 2021 – June 2024</i>

## EXPERIENCE

<b>Data Science Intern</b> <b>IBM SkillsBuild (CSRBOX Program)</b>	<i>May 2023 – July 2023</i>
<ul style="list-style-type: none"><li>Worked with sensor and time-series datasets to study equipment failure and maintenance patterns</li><li>Applied Logistic Regression, Decision Trees, ARIMA, and LOF models to analyze predictive maintenance scenarios</li><li>Cleaned and prepared data using Python (Pandas, NumPy, SciPy) and created visualizations to interpret results</li></ul>	<i>Remote</i>

## PROJECTS

<b>Bellabeat Smart Device Usage Analysis</b>   <i>SQL (BigQuery), Looker Studio</i>	<i>Jan. 2026</i>
<ul style="list-style-type: none"><li>Cleaned and merged 900+ daily logs using SQL (Joins, String Parsing) to unify complex datasets.</li><li>Built Looker Studio dashboards revealing that "Very Active" users sleep ~1.5 hours less than sedentary users.</li><li>Proposed a "Recovery-First" marketing strategy to stakeholders to address the negative impact of high intensity on rest.</li></ul>	
<b>Cyclistic Bike-Share Case Study</b>   <i>Excel</i>	<i>Nov. 2025</i>
<ul style="list-style-type: none"><li>Analyzed 83K+ trip records to compare usage patterns of casual riders vs. annual members.</li><li>Found that casual riders take longer weekend rides, while members ride shorter, frequent weekday trips.</li><li>Proposed marketing strategies to convert casual riders into annual members.</li></ul>	

## 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.