

# AMIT SINGH

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## Summary

Detail-oriented MCA student with a strong foundation in SQL, Python, Excel, Power BI, and Tableau. Skilled in data cleaning, analysis, and visualization to generate actionable insights and support data-driven decision-making. Passionate about working on real-world analytical projects and collaborating in fast-paced, results-driven environments.

## Education

### Master of Computer Applications (MCA)

*Pimpri Chinchwad University, Pune, Maharashtra*

**Pursuing: 2026**

*CGPA: 8.42 / 10*

### Bachelor of Computer Applications (BCA)

*Ambalika Institute of Higher Education, Lucknow, Uttar Pradesh*

**Graduated: 2024**

*Percentage: 71%*

## Skills

**Technology Stack:** SQL, Python, HTML, CSS, JavaScript, Bootstrap

**Data Visualization Tools:** Microsoft Excel, Power BI, Tableau

**Development Tools:** Git, GitHub, Postman, REST APIs, VS Code

**Analytical Abilities:** Data Analysis, Exploratory Data Analysis (EDA), Statistical Analysis, Insight Generation, KPI Reporting

## Projects

### World University Rankings — Statistical Analysis | *Python*

**Jan 2026 – Feb 2026**

- Evaluated 1,000+ university ranking entries using advanced statistical and data analysis techniques.
- Performed correlation and trend analysis across five key performance drivers.
- Engineered weighted scoring metrics to compare global institutional standings.
- Generated analytical findings and summary reports leveraging Python libraries (Pandas, Matplotlib).

### Orion Hardware — Dynamic Tableau Sales Dashboard | *MySQL, Tableau*

**Nov 2025 – Dec 2025**

- Architected an engaging Tableau dashboard utilizing the Sample Superstore dataset (9,994 records) to evaluate sales and profitability.
- Monitored 6+ primary KPIs, including revenue, profit margin, order trends, and regional metrics.
- Executed data cleaning, preprocessing, and modeling by integrating Tableau with MySQL Workbench.
- Designed 15+ visualizations (cards, slicers, funnel charts, and tables) for real-time business intelligence reporting.

### SmartCart — Product Suggestion Web Application | *Python, ML, HTML, CSS, JS*

**Oct 2025 – Nov 2025**

- Constructed a recommendation engine utilizing 5,000+ user-product interaction data points to enhance product discovery.
- Implemented similarity-based logic to produce top 5 personalized product suggestions per session.
- Developed a responsive front-end with 6+ user-centric UI components using HTML, CSS, and JavaScript.

## Certifications

- Introduction to Data Science  
*IBM — Coursera* July 2025
- Databases and SQL for Data Science with Python  
*IBM — Coursera* July 2025
- Advanced AI and Machine Learning Techniques with Capstone  
*Microsoft — Coursera* April 2025

## Strengths

Analytical Mindset, Critical Reasoning, Fast Adaptability, Problem Solving, Detail Focus, Self Initiative, Communication