

# 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, Bootstrap

**Data Visualization Tools:** MS 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 Ranking — Statistical Analysis | *Python*

**Jan 2026 – Feb 2026**

- Analyzed 1000+ university rankings records using statistical and data analysis techniques.
- Performed correlation and trend analysis across 5-key performance factors
- Built weighted scoring metrics to compare global institutional rankings.
- Created visual insights and summary reports using python libraries.

### Orion Hardware — Interactive Tableau Sales Dashboard | *MYSQL, Tableau*

**Nov 2025 – Dec 2025**

- Developed an interactive Tableau dashboard using the Sample Superstore dataset 9,994 records to analyze sales and profitability.
- Tracked 6+ key KPIs including revenue, profit margin, order trends, and regional performance.
- Performed data cleaning, preprocessing, and data modeling by integrating Tableau with MySQL Workbench.
- Built 15+ visualizations (cards, slicers, funnel charts, tables) for real-time business insight reporting.

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

**Oct 2025 – Nov 2025**

- Developed a recommendation engine using 5,000+ user-product interaction records to enhance product discovery.
- Implemented similarity-based logic to generate top 5 personalized product recommendations per session.
- Built a responsive front-end with 6+ interactive 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* Jul 2025
- Advanced AI and Machine Learning Techniques with Capstone  
*Microsoft — Coursera* Apr 2025

## Strengths

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