

# AMIT SINGH

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## Summary

Detail-oriented MCA student with a strong foundation in SQL, Python, Excel, and Power BI. Skilled in cleaning, analyzing, and visualizing data to generate insights and support data-driven decision-making. Interested in collaborating on meaningful analytical work in fast-paced environments

## Education

<b>Master of Computer Applications (MCA)</b> <i>Pimpri Chinchwad University, Pune</i>	<b>Pursuing: 2026</b> <i>CGPA: 8.42 / 10</i>
<b>Bachelor of Computer Applications (BCA)</b> <i>Ambalika Institute of Higher Education, Lucknow</i>	<b>Graduated: 2024</b> <i>Percentage: 71%</i>
<b>SBPIC Bargawan Bilgram (Class 12)</b> <i>UP Board (Uttar Pradesh Board of High School and Intermediate Education)</i>	<b>2021</b> <i>Percentage: 79%</i>

## Skills

**Programming & Querying:** SQL, Python

**Data Visualization Tools:** Advanced MS Excel, Power BI, Tableau

**Analytical Abilities:** Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

## Projects

<b>Customer Churn Analysis   Python</b>	<b>November 2025 – December 2025</b>
<ul style="list-style-type: none"><li>– <b>Analyzed behavior of 7,043 telecom customers</b> to identify churn patterns based on tenure, contract type, and monthly charges.</li><li>– Engineered new features including contract type buckets and tenure bands to improve segmentation and insights.</li><li>– Generated 11 visualizations (histograms, box plots, heatmaps) to highlight churn-prone segments.</li><li>– Revealed that 38% of churned users were on monthly contracts with less than 3-month tenure suggested early engagement strategies.</li></ul>	
<b>Sales Dashboard for Regional Performance   SQL, Power BI</b>	<b>September 2025 – October 2025</b>
<ul style="list-style-type: none"><li>– Queried and joined 3 sales-related tables covering over 25,000 rows across 12 months and 5 regions using optimized SQL joins to create consistent, analysis-ready datasets.</li><li>– Built 10 dynamic measures and KPIs in Power BI to track regional sales, return trends, and product performance.</li><li>– Designed multipage dashboards with slicers and filters, helping stakeholders drill down by region, product category, and time.</li><li>– Detected a 14% sales drop post-festival in the South region. Later, the insight was used for a marketing recovery plan.</li></ul>	

## Certifications

• Databases and SQL for Data Science with Python <i>IBM — Coursera</i>	Jul 2025
• Advanced AI and Machine Learning Techniques with Capstone <i>Microsoft — Coursera</i>	Apr 2025

## Strengths

- Strong analytical and problem-solving skills
- Ability to work with large datasets and extract insights
- Quick learner with a self-driven approach