

# 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

### Master of Computer Applications (MCA)

Pimpri Chinchwad University, Pune

Pursuing: 2026

CGPA: 8.42 / 10

### Bachelor of Computer Applications (BCA)

Ambalika Institute of Higher Education, Lucknow

Graduated: 2024

Percentage: 71%

### SBPIC Bargawan Bilgram (Class 12)

UP Board (Uttar Pradesh Board of High School and Intermediate Education

2021

Percentage: 79%

## 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

### Customer Churn Analysis | Python

November 2025 – December 2025

- Analyzed behavior of 7,043 telecom customers to identify churn patterns based on tenure, contract type, and monthly charges.
- Engineered new features including contract type buckets and tenure bands to improve segmentation and insights.
- Generated 11 visualizations (histograms, box plots, heatmaps) to highlight churn-prone segments.
- Revealed that 38% of churned users were on monthly contracts with less than 3-month tenure suggested early engagement strategies.

### Sales Dashboard for Regional Performance | SQL, Power BI

September 2025 – October 2025

- 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.
- Built 10 dynamic measures and KPIs in Power BI to track regional sales, return trends, and product performance.
- Designed multipage dashboards with slicers and filters, helping stakeholders drill down by region, product category, and time.
- Detected a 14% sales drop post-festival in the South region. Later, the insight was used for a marketing recovery plan.

## Certifications

- 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

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