

# Akhil Saini

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## OBJECTIVE

A Computer Science graduate with brief knowledge in Python, SQL, Excel, and Power BI for data analysis and visualization. Interested in using data to explore patterns, support decisions, and solve practical problems. Open to learning and contributing to meaningful projects in a data-driven environment.

## EDUCATION

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|---|------------------|
| • <b>Bachelor of Engineering (CSE) (79.7%)</b><br>Chandigarh University, Mohali, Punjab                       | <b>2021-2025</b> |
| • <b>Higher Secondary Education, (12<sup>th</sup>) (92.4%)</b><br>D.A.V. Public School, Ambala Cantt, Haryana | <b>2020-2021</b> |
| • <b>Secondary Education (10<sup>th</sup>) (91.0%)</b><br>D.A.V. Public School, Ambala Cantt, Haryana         | <b>2018-2019</b> |

## PROJECTS

- **Business Insight 360 (Power BI | Power Query | DAX)**
  - Designed and developed a comprehensive Power BI report for AtliQ Hardware using 4 years of data, featuring five key dashboards — Finance, Sales, Marketing, Supply Chain, and Executive views — to support data-driven decisions across all business dimensions.
  - Cleaned and transformed raw data using Power Query, and implemented Snowflake data modeling in Power BI to ensure a scalable and efficient data structure.
  - Utilized DAX and DAX Studio to build optimized data models and perform advanced calculations, enhancing report performance, interactivity, and user engagement.
- **Sales Analysis (Python | Pandas | Matplotlib)**
  - Analyzed 12+ months of sales data using Python to identify trends, peak sales periods, and top-performing products.
  - Cleaned and transformed raw data, handling missing values and creating key metrics like city-wise sales and hourly purchase patterns.
  - Uncovered product bundles and optimal ad times, revealing top combinations (e.g., iPhone + Charging Cable) and peak engagement hours (11 AM, 7 PM).
- **Sales and Finance Report (Excel | Pivot Tables)**
  - Generated a comprehensive P&L report for AtliQ Hardware FY 2022, utilizing advanced features in Excel such as Pivot Tables and DAX to provide granular insights into revenue streams and expense categories.
  - Automated data cleaning process using Power Query, significantly reducing manual effort and improving efficiency.
  - Built DAX-based calculation models that enhanced report accuracy and enabled users to gain more nuanced and flexible data insights.

## SKILLS

- **SQL** : Data types, Queries, Subqueries, Joins, CTEs and Aggregate Functions
- **Python** : Pandas, NumPy, Matplotlib, Seaborn and Scikit-Learn
- **Power BI** : Power Query, Data Modelling, Basic DAX Formulas and Data Reporting
- **Excel**: Basic Formulas, Pivot Table, Charts, Lookups, Power Query and Power Pivot
- **Machine Learning** – Data Cleaning, EDA, Supervised Learning, Unsupervised Learning, Boosting Techniques.

## CERTIFICATIONS

- Data Analysis with Python – IBM (2025)
- Get Job Ready: Power BI Data Analytics for All Levels 3.0 – CodeBasics (2025)
- Excel: Mother of Business Intelligence - CodeBasics (2025)
- SQL – MySQL for data Analytics and Business Intelligence - 365 Career (2024)