

Akhil Saini

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SUMMARY

Passionate about deriving insights from data, with brief knowledge in Python, SQL, Excel, Power BI, and Tableau. Skilled in data manipulation, analysis, and visualization for informed decision-making. Computer Science background with enthusiasm for solving real-world challenges in a growth-focused environment.

EDUCATION

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

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 and Finance Report (Excel | Pivot Tables | DAX)**
 - 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.
- **Sales Analysis (Python | Pandas | Matplotlib)**
 - Analyzed 12+ months of sales data using Python (Pandas, Matplotlib) 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).
- **Nutrient-Based Calorie Prediction (Machine Learning)**
 - Developed a machine learning model to predict calorie content based on the nutrient composition of food items.
 - Performed data preprocessing, feature selection, and model training using Python libraries (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn).
 - Implemented and evaluated multiple algorithms including Linear Regression, Decision Tree, and Random Forest to determine the most accurate model for calorie prediction.

SKILLS

- Python
- MySQL
- Microsoft Excel
- Microsoft Power BI
- Power Query
- Data Transformation & Cleaning
- Data Analytics
- Tableau
- Machine Learning

CERTIFICATIONS

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