Ayushi Jain

Data Analyst | Business Analyst

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# PROFILE SUMMARY

Keen on exploring the power of data in driving business decisions. Proficient in tools such as SQL, Python, MS Excel, and Tableau. Strong foundation in data mining, data modeling, and database management.

Excellent problem-solving abilities and a keen eye for detail.

# KEY COMPETENCIES

SQL

Power BI Python

MS Excel Tableau

Data Cleaning

Data Visualization Requirement Gathering Data Mining

# PROJECTS

**Healthcare Data Analysis for Treatment Optimization Tools Used:** Python, SQL, Tableau

Analyzed patient data from a healthcare provider to identify patterns and optimize treatment plans. Used SQL for data extraction and Python for statistical analysis.

Developed Tableau dashboards to present findings, contributed to a 20% improvement in patient treatment outcomes and a 15% reduction in hospital readmission rates within a six-month period.

## May 2023

**Retail Sales Analysis Tools Used:** Python, Excel

## August 2023

Developed a Python script to analyze a retail store's sales data, extracting insights on sales trends, customer demographics, and product performance.

Utilized Pandas for data manipulation and Matplotlib for visualizing sales trends over time. Integrated findings with Excel for detailed reports and presentations, leading to a 10% increase in targeted marketing efficiency.

**Financial Forecasting Analysis Tools Used:** Excel, Power BI

## September 2023

Designed a financial forecasting model in Excel to predict future revenues and expenses for a start-up company.

Utilized advanced Excel functions and forecasting techniques to project cash flows over a five-year period. The model successfully predicted a 30% year-over-year revenue growth, closely aligning with actual figures.

Created dynamic dashboards in Power BI which increased the efficiency of financial planning by 25%.

## Social Media Sentiment Analysis Tools Used: Python SQL

**November 2023**

Performed sentiment analysis on social media data for a brand using Python's Natural Language Processing (NLP) libraries.

Processed and stored large datasets using SQL databases.

Analyzed sentiment trends and provided recommendations for improving online customer engagement.

# EDUCATION & CERTIFICATIONS

## Bachelor of Technology March 2018 - April 2022

Majors: Civil Engineering MAIIT, Kota

## Data Analytics Certification Course September 2023 - December 2023

WsCube Tech, Jaipur