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.

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