Akshat Jain

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SUMMARY

I am an MCA student specializing in Artificial Intelligence and Machine Learning, extensive experienced in data analysis, visualization and programming. Proficient in Python, R, SQL, and Excel. Successfully completed multiple projects utilizing Power BI and Excel to deliver actionable insights.

• Proficient in Python, R, SQL, C, C++ and Excel
• Experienced in Power BI and Tableau for data visualization and analysis
• Successfully led projects in data cleaning, Exploratory data analysis and dashboard creation
• Certified in Data Analysis and Visualization from IBM and Accenture

EDUCATION

Master of Computer Application | Artificial Intelligence & Machine Learning
Laxmi Narain College of Technology, Bhopal | (Pursuing)

Bachelors of Computer Application | Computer Science
Jawaharlal Nehru University Co, Shujalpur | 2023

Higher Secondary Certificate (12th) | Central Board of Secondary Education
Choube School, Shujalpur | 2020

SKILLS

Technical
• Programming Languages: Python, R, SQL, C, C++
• Development Tools: Microsoft Copilot Studio, VS Code, Power BI, Tableau
• Data Sources: Excel, SQL Server (Common Data Service)
• Data Visualize & Cleaning: Pandas, Numpy, Matplotlib, Seaborn, ggplot2

Functional
• Agile Methodologies
• Team Leadership & Management
• Problem-Solving

Projects

Power-BI

MISSION-MOON-LANDING-DATA ANALYSIS
• Developed an interactive Dashboard for analyzing historical moon landing missions
• Cleaned and Transformed data to visualize mission timelines, Success rates, and key metrics
• Generated insights to identify trends and patterns in moon landing data
• Enhanced data-driven decision making and reporting for stakeholders

AMAZON-SUPER-STORE
• Created an interactive Dashboard to Analyze Amazon Super Store Sales Data
• Cleaned and transformed data to visualize sales performance, Customer demographics and product trends
• Generated actionable insights to identify sales pattern, top-performing products and customer preferences
• Enhanced data driven decision making and strategic planning for stakeholders

Excel

COFFEE-SHOP-SALES
• Measures: Defined and Utilized key performance indicators (KPIs) to drive meaningful insights.
• Charts: Created dynamic visualizations to present data trends effectively
• Formatting: Applied advanced formatting techniques for clarity and emphasis
• Slicers: Enabled intuitive filtering for quick data exploration
• Data Modeling: Built robust data models to enhance analysis accuracy

ECOMMERCE-SALES-ANALYSIS
• Data Cleaning: Streamlined raw data for accurate and insightful analysis
• Pivot Tables & Charts: Crafted interactive metrics visuals to reveal trends and patterns
• Measures & KPIs: Identified and tracked essential metrics driving business growth
• Layout & Design: Designed a user-friendly interface with a clear and professional look

- Formatting: Applied: Applied advanced formatting techniques to enhance data presentation
- Advanced Excel Formulas: Solved complex analytical challenges with powerful formulas
- Slicers: Enabled dynamic filtering for focused data exploration
- Data Modeling: Integrated and structured datasets for a comprehensive analysis.

Data Science Python with Machine Leaning

CREDIT EXPLORATORY-DATA-ANALYSIS
- Data Cleaning: Managed missing data and imbalances using column dropping and imputation techniques
- Statistical Analysis: Utilized function like info(),describe() and isnull().mean()
- Visualization: Developed insightful visualizations.
- Categorical Analysis: Conducted univariate, bivariate and multivariate.
- Advanced Techniques: Applied lambda function and pivot tables to gain deeper insights

SQL

RETAIL-SALES-DATABASES
- Database Setup: Created and managed a retail sales database, including table creation and data population
- Data Cleaning: Ensured data integrity by identifying and removing records with missing values
- Exploratory Data Analysis: Conducted an in-depth analysis of sales trends, demographics, product performance
- Business Insights: Advanced SQL queries, providing actionable insights for decision-making

MUSIC-DATA-ANALYSIS
- Advanced SQL Techniques: CTEs, Recursive Queries, Aggregations, and Joins
- Data Analysis & Reporting: Extracting actionable insights from complex datasets
- Problem Solving: Multiple methods for solving the same query challenge
- Data Driven Decision Making: Providing insights that guide strategic decision

CERTIFICATIONS

Data Analysis Using Python from IBM

Certificate ID Number : 99e74de6cad640dda387dcc863aa80bb

Data Analytics and Visualization Job Simulation from Accenture

CCNA (Cisco Certified Network Associate

CEH v11 (Certified Ethical Hacker) – Licensed Global Certificate