Mohit Sachdev

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SUMMARY

Highly motivated data analyst with a strong academic foundation in database management and data analysis. Proficient in MySQL database management and with a solid understanding of ETL concepts. Eager to apply knowledge to build efficient data pipelines and create impactful visualizations using Power BI and Tableau. Possessing strong analytical and problem-solving skills, I am keen to contribute to data-driven decision making.

EXPERIENCE

PwC Switzerland Power BI Job Simulation on Forage   **April 2024**

*   Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualisation needs.
* Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
* Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
*   Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

JPMorgan Chase & Co. Excel Skills Job Simulation on Forage   **July 2024**

*   Acquired proficient command of Excel functionalities and data analysis techniques, including data cleansing, and manipulation, and conditional formatting techniques.
*   Acquired proficiency in automation by learning to record macros and script in Visual Basic for Applications (VBA), developing two functional macros integrated with buttons using account sales data.
*   Gained expertise in data visualization and storytelling using Excel and PowerPoint by creating impactful charts and interactive dashboards.

TECHNICAL SKILLS

Programming Languages : **Python (NumPy, Pandas, Matplotlib, Seaborn), SQL**
Framework : **NumPy, Pandas, Matplotlib, Seaborn**
Database : **MySQL**
Machine Learning : **Classification, Regression, Random Forest, Decision Trees, etc.**
Tools : **Tableau, Power BI, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting)**

PROFESSIONAL COURSE

Master in Data Science & Analytics with AI   **2023 - 2024**
IT Vedant Education Pvt. Ltd.

EDUCATION

Jai Hind College (Churchgate, Mumbai)   **2017 - 2021**
B.Com (Bachelor of Commerce)

CERTIFICATIONS

SQL CERTIFICATE   **2023 - 2024**
DIVING INTO WORLD OF DATA CERTIFICATE
IBM PYTHON FOR DATA SCIENCE CERTIFICATE
POWER BI CERTIFICATE
ADVANCE EXCEL CERTIFICATE
TABLEAU CERTIFICATE

PROJECTS

Food Delivery Database Project | SQL, MySQL, MySQL Workbench
• Developed a MySQL database for a food delivery app covering DDL, DQL, DML, DCL, and TCL commands.
• Ensured optimal data management with indexing and normalization

• Implemented database optimization technique for efficient query performance

Global Superstore Analysis | Data Analytics, Power BI
• Transformed raw sales data into actionable insights using Power BI
• Developed interactive dashboards to visualize sales trends and identify key performance indicators (KPIs).
• Uncovered data-driven insights to inform business strategies

Loan Approval Prediction | Python, Machine learning
• Executed data cleaning and preprocessing using Python, Scikit-Learn, Pandas, Numpy.
• Employed a feature engineering approach with Scikit-Learn voting classifier ensemble
• Conducted through exploratory data analysis (EDA) for insightful visualisation
Developed a robust model for precise loan approval predictions.