

MUKUL KUMAR

DATA ANALYST

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Professional Summary :

Detail-oriented Data Analyst with over 4 years of experience in data analysis, visualization, and interpretation. Proven track record of leveraging data analytics to drive strategic business decisions at IBM. Skilled in SQL, Python and advanced Excel functions. Strong background in statistical analysis, data cleaning, and data warehousing.

Professional Experience :

IBM , Bangalore

DATA ANALYST

January 2020 – present

- Designed and implemented data models and dashboards using SQL and Power BI, resulting in a 20% increase in data accessibility for stakeholders.
 - Conducted in-depth analysis of sales data to identify trends and patterns, leading to a 15% improvement in forecasting accuracy.
 - Collaborated with cross-functional teams to develop and automate data pipelines, reducing manual reporting efforts by 30%.
 - Utilized Python for data cleaning, transformation, and statistical analysis, enhancing the quality and reliability of data insights.
 - Led training sessions for team members on advanced Excel functions and data visualization best practices.
 - Prepared detailed reports and presentations for senior management, supporting data-driven decision-making processes.
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Skills:

- **Data Analysis & Visualization:** SQL, Power BI, Excel , Tableau
 - **Programming Languages:** Python , SQL
 - **Data Management:** Data Cleaning, Data Warehousing, ETL Processes
 - **Databases:** SQL Server, MySQL
 - **Soft Skills:** Strong Communication, Problem-Solving, Team Collaboration
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Projects:

Project 1 : Sales & Retailer

Report

Client : VODAFONE

Tools : SQL, PYTHON, EXCEL ,POWER BI

Description:

- The Sales & Retailer Report project involved the comprehensive analysis of sales data and retailer performance for Vodafone. The objective was to provide actionable insights to improve sales strategies, optimize retailer operations, and enhance overall business performance. The project encompassed data collection, data cleaning, analysis, and visualization to create detailed reports that informed decision-making processes.

Responsibilities:

- Extracted and integrated sales and retailer data from multiple sources using SQL.
- Ensured data accuracy and consistency by implementing robust data cleaning procedures in Python.
- Conducted comprehensive data analysis to identify sales trends, retailer performance metrics, and customer behavior patterns.
- Performed statistical analyses to uncover correlations and causal relationships affecting sales outcomes.
- Designed and developed interactive dashboards in Tableau to visualize key performance indicators (KPIs), sales trends, and retailer performance.
- Created detailed Excel reports with pivot tables and charts for easy understanding by non-technical stakeholders.
- Built Power BI dashboards for dynamic and real-time data visualization

Project 2 : First Republic

Bank

Client : PWC

Tools : SQL , PYTHON ,EXCEL ,POWER BI

Description: The First Republic Bank Analysis project aimed to provide comprehensive insights into the bank's financial performance, customer behavior, and operational efficiency. The project involved detailed data analysis and reporting to help PWC guide First Republic Bank in strategic decision-making, risk management, and process optimization. The scope included data collection, cleansing, advanced analytics, and the creation of insightful visualizations and reports.

Responsibilities:

- Extracted large volumes of financial and customer data from multiple sources using SQL.
- Conducted thorough data cleaning and preprocessing in Python to ensure data accuracy and readiness for analysis.
- Performed comprehensive financial analysis to assess the bank's performance, profitability, and risk factors.
- Conducted customer behavior analysis to identify key trends, preferences, and potential areas for improvement.
- Designed and built interactive power BI dashboards to visualize financial metrics, customer insights, and operational performance.
- Developed detailed Excel reports with pivot tables, charts, and summary statistics to provide clear and actionable insights.

Education : Bachelor's degree from Lalit Narayan Mithila University , Darbhanga , Bihar in 2018.