Yash Khoche

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Objective

Enthusiastic and detail-oriented engineering graduate with a strong academic foundation and a passion for transforming raw data into actionable insights. Seeking a challenging position as a Data Analyst to apply analytical skills, statistical knowledge to contribute to data-driven decision-making.

Education

Mgm's Jawaharlal Nehru Engineering College.   **August 2018 – August 2022**
B.Tech (Mechanical Engineering)   *CGPA: 8.89/10*

S.B.E.S. College of Science.   **June 2017 – June 2018**
HSC   *Percentage: 71.08*

Skills

Languages/Database: SQL, Python
Software & Tools: Ms Excel, Power BI, Tableau, MySQL, SAS.
Other: Data Modelling, Data Analysis, Data Management, Communication and Presentation, Data Visualisation.

Work Experience

PHBB Valves PVT.LTD.   **October 2023 - Present**
Trainee Engineer

- Supporting in the maintenance and calibration of production equipment, ensuring optimal performance and minimizing disruptions.
- Preparing detailed reports on production metrics, performance data, and improvement initiatives for management review.
- Engaged in continuous learning and professional development to stay updated with the latest industry trends and technologies.
- Develop and implement production schedules to meet project timelines and delivery targets.

AI Variant   **May 2023 - August 2023**
Data Analyst Intern

- Developed 30+interactive dashboards using Power Bi and Tableau by gathering data from excel and SQL server.
- Analyzed massive datasets using statistical techniques to uncover trends, outliers, and insights that informed strategic decision- making, contributed to the development of 20+reports, and BI tools.
- Implemented DAX functions to perform complex calculations. Utilized Pivot Table for data analysis,patterns and trends.

WIPRO Limited   **March 2022 - July 2022**
Project Engineer Intern

- Successfully completed a 5-month internship as a project engineer trainee at Wipro.
- Created database by using Microsoft SQL Server Management Studio to maintain the record of the users using the website.
- Maintained accurate records of all changes made during the course of a project's development cycle.
- Completed a capstone project based on learned technologies in the internship.

Projects

1. Bank Loan Analysis

- Conducted a comprehensive analysis of a bank loan department over a span of 5 years to derive actionable insights for informed decision-making.
- Established key performance indicators (KPI) for data analysis.
- Performed extensive exploratory data analysis (EDA) to understand the distribution of loan types, amounts, and approval rates over time.
- Communicated findings and insights to non-technical stakeholders through clear visualizations and presentations.

2. E-commerce Store Sales Analysis

- Aggregated and cleaned 10 years of sales data from various sources, ensuring data integrity and consistency.
- Addressed missing values and outliers, maintaining a high-quality dataset for analysis.
- Evaluated the performance of individual products within each department, identifying best-sellers and under-performing items.
- Enhanced data visualization techniques to communicate complex insights in a clear and accessible manner.

3. Customer Churn Analysis

- Conducted a comprehensive analysis of customer churn within a telecommunication company to identify patterns and contributing factors.
- Conducted EDA to uncover trends and insights related to customer retention and attrition.
- Conducted A/B testing to evaluate the effectiveness of retention strategies and recommended adjustments for optimization.
- Utilized advanced statistical methods to analyze customer behavior, identifying key indicators of potential churn.

Certifications

Certificate 1: Data Analyst by Cisco Networking Academy.
Certificate 2 : Microsoft Azure Fundamentals (AZ-900).
Certificate 3 : Data Visualisation with Python by IBM.