ESTHER VICTORIA HALLI

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https://www.linkedin.com/in/EstherHalli/
https://github.com/EstherHalli/Data-Analytics.git
Bengaluru, India

Skills

- Programming: Basic proficiency in Python and SQL.
- Data Visualization: Exposure to tools like Microsoft Power BI, Matplotlib and Seaborn for creating visualizations.
- Excel (VLOOKUP, XLOOKUP, Conditional Formatting, Pivot Table, Pivot Chart, Formulas).
- Strong communication skills with ability to work collaboratively in a team.
- Database Management Familiarity with basic database systems (MySQL, SQL Server).

Projects

ECOMMERCE SALES DASHBOARD
September 2023

- Utilized **SQL** to extract data from different related tables from ecommerce sales database.
- Transformed and processed complex data by using **DAX** and **Excel** to ensure data completeness and validity.
- Loaded and visualized data with **Power BI** to identify key business intelligences that can improve sales performance, enhance marketing strategies, and increase revenue.

HOTEL BOOKING EDA
July 2023

- Utilized **Python** to process large datasets, identifying the booking trends, customer demographics, and pricing strategies.
- Through **EDA**, provided business the variables that affect the hotel reservation cancellation and ideal hotel room usage.
- Aggregated and visualized the data by using **pandas, matplotlib, seaborn** and **plotly** to uncover actionable insights for optimizing revenue, enhancing customer satisfaction, and improving overall operational efficiency.

HR ANALYTICS DASHBOARD
July 2023

- Created an HR analysis dashboard with **Power BI** that consolidates complex workforce data into visually intuitive displays.
- Performed data cleaning and utilized **DAX** functions to analyze the attrition patterns.
- Provides actionable insights into employee performance metrics, attrition rates and recruitment efficiency.

COVID-19 DATA ANALYSIS
August 2023

- Utilized **Python** to analyze the global pandemic trends.
- Transformed and processed large dataset using **pandas** to ensure accurate analysis.
- Through **EDA**, aimed to gain a better understanding of countries where Covid-19 cases have spiked.
- Created interactive visualization using **matplotlib** and **plotly** providing insights into pandemic related metrics.

Work Experience

SYSTEMS ENGINEER – TCS – Bengaluru, India
January 2021 - Present

- Overall, 2.11 years of IT experience, having 2.8 years of experience in Cyber Security, specifically **BitLocker Encryption** to safeguard sensitive data and **Windows Defender** for robust endpoint security.
- Performed root cause analysis and globally remediated non-compliant assets by script deployment reducing 50% of manual effort to safeguard organizational assets from cyber-attacks. Consistently maintained compliance standards by manual remediation of non-compliant servers to uphold data integrity and confidentiality.
- Performed security changes on production servers like application installation and configuring on the servers, SSL certificate installation and binding in IIS, vulnerability remediation ensuring minimal impact on business operations.
- Skilled in handling security incidents including effective response, coordinating timely and ensuring minimal impact on SLA score.
- Prepared monthly audit reports, weekly reports using **Excel**, providing valuable insights to management and client.

Education

BACHELOR OF ENGINEERING – Basaveshwar Engineering College – Bagalkot, Karnataka
August 2020

Major: Computer Science & Engineering