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| esther ViCTORIA Halli | 7349709005 | victoriahalli0406@gmail.com  <https://www.linkedin.com/in/EstherHalli/>  <https://github.com/EstherHalli/Data-Analytics.git>  Bengaluru, India |

# Skills

* SQL (MySQL, SQL Server)
* Excel (VLOOKUP, XLOOKUP, Conditional Formatting, Pivot Table, Pivot Chart, VBA, Formulas)
* Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly)
* Microsoft Power BI

# Projects

ECOMMERCE Sales Dashboard – Personal Project 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 – Personal Project 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 – Personal Project 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 – Personal Project 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

Cyber security analyst **–**TCS **–** Bengaluru, IndiaJanuary 2021 - Present

* Overall, 2.8 years of IT experience having 2.5 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.
* Ensured strict adherence to security policies, consistently maintaining 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** and presentations outlining the remediation efforts, providing valuable insights to management and client.

# Education

Bachelor of ENGINEERING – Basaveshwar Engineering College – Bagalkot, Karnataka August 2020 Major: Computer Science & Engineering