



Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python
- Tableau Microsoft Power BI
- Excel (Conditional Formatting, Pivot Tables)
- Web Development: HTML, CSS, JavaScript, Bootstrap, Flutter
- Soft Skills: Project Coordination, Task & Time Management, Communication

Projects

Online Sales Analysis December 2024

- Situation: Cleaned and analyzed a dataset of over 40,000+ sales records containing missing data and format inconsistencies.
- Task: Investigate revenue trends, customer behavior, and product performance to uncover actionable insights.
- Action: Utilized Python (Pandas, Plotly, Matplotlib, Seaborn) for data cleaning and exploratory analysis. Designed interactive visualizations, including choropleth maps for revenue by country and bar charts for top-selling products.
- Result: Delivered a streamlined dataset and key insights into sales trends, enhancing strategic decision-making for revenue optimization.

Work-Life Balance November 2024

- Situation: Analyzed a dataset of 2,055 entries to explore the relationship between mental health, work conditions, and lifestyle factors.
- Task: Investigate work-life balance trends and present data-driven insights to improve understanding of factors affecting mental well-being.
- Action: Cleaned and transformed data in SQL, categorizing variables like sleep duration and creating a Work-Life Balance Index. Designed interactive dashboards in Tableau to visualize correlations between work pressure, job satisfaction, and mental health.
- Result: Presented a comprehensive analysis identifying key trends, contributing to actionable insights for enhancing work-life balance strategies.

Work Experience

Web Developer Intern May 2022 - October 2023

CPA Site Solutions – Colchester, VT

- Developed and maintained websites using HTML, CSS, JavaScript, and MySQL.
- Cleaned and optimized code for over 1,000 websites, significantly enhancing performance and maintainability.
- Conducted data analysis and reporting using Excel, boosting user engagement by 5%.
- Collaborated with cross-functional teams to uphold quality standards, resolve technical issues, and implement feedback efficiently.
- Performed comprehensive quality assessments, identifying 1000+ sites needing significant updates and submitting detailed reports to the support team.

Vehicle Operations Assistant December 2023 - October 2024

Burlington Subaru – Burlington, VT

- Optimized parking lot space, ensuring efficient use of resources and seamlessly accommodating new inventory.
- Managed and recorded an average of 20 newly received cars weekly, maintaining detailed inventory and auction records operations, contributing to a 5% improvement in overall workflow efficiency.
- Developed and maintained a comprehensive database for tracking vehicle inventory, leveraging data analysis to identify inefficiencies and enhance task prioritization.

**Bachelor’s degree in computer science** – University of Vermont – Burlington, VT December 2024  
Relevant coursework: Data Structures, Algorithms, Web Development, Databases, Software Engineering