Katherine Hansen

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Portfolio: https://katherinehansen.github.io/Data_Science_Portfolio/

Work Experience

Russ Davis Wholesale — Eagan, MN November 2021 – Present
Data Analyst

- Administer regular and ad hoc reporting by interacting directly with users and using industry-specific software Produce Pro, IBM Cognos, VBA, MS Excel, Python, MS Access, and SQL Server.
    - Championed the adoption of SQL Server to enhance data analysis capabilities.
    - Demonstrated exceptional adaptability by absorbing the workload of a vacant position.
        - Reduced hands-on reporting from 15 hours/week to 3 hours/week by redesigning many reports to be automatically assembled or otherwise streamlined.
- Implement company-wide dashboards, leveraging MS Power BI to provide data visualization and insights, improving data-driven decision-making processes, and navigate rollout of new services.
    - Sales dashboard for all levels of sales team to track thousands of daily transactions, monitor trends, analyze movement patterns, and assess customer behavior.
        - Utilize the newly implemented SQL Server to query internal data, integrate external sources, and budgeted goals, centralizing information.
    - Fuel dashboard tracking diesel purchases across distribution centers enabling recommendations for fuel contracts using historical data and cost-efficiency analysis.
        - Manage MS Access for handling daily transactions and Energy Information Administration website data.
        - Web scrape with Python to gather local fuel prices.

Hazelden Betty Ford Foundation, Butler Center for Research — Center City, MN May – August 2021
Intern

- Developed automation procedure for a lengthy MS Word report using VBA code.
    - Reduced report assembly by several weeks per instance.
    - Proposed structural improvements to enhance overall efficiency.
- Contributed to a comprehensive national patient demographics report covering all Hazelden Betty Ford locations, targeted for company leadership.
    - Advocated for the transition from the 300-page report to a contemporary platform to enhance its presentation and future adaptability.
- Crossed-checked in-person to virtual programming transition dates in response to COVID-19 by cross-referencing virtual program data by navigated EHRs (electronic health records) and maintaining spreadsheets.

Education

Winona State University — Major: BS Data Science, Minor: Computer Science 2021
Awards: Dean's List all semesters, Distinguished Graduate for Department of Mathematics and Statistics, Outstanding Student for College of Science and Engineering