DILLON FOUTS

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EDUCATION

THE UNIVERITY OF IOWA, Iowa City, IA   May 2024
B. B. A, Business Analytics and Information Systems
B. B. A, Business Management (Entrepreneurial)
Minor: Sports and Recreation Management

TECHNICAL SKILLS

- Tools: R, Python, SQL, Power BI, Tableau, Excel, Orange, Google Analytics, Salesforce
- Methodologies: Skilled in executing multiple linear regression, analyzing time series, developing forecasts, visualizing data, extracting web data, constructing models, and employing agile methodologies.

EXPERIENCE

QUALIFIED PLAN CONSULTANTS   West Des Moines, IA
Data Analyst & Process Improvement   Mar 2023 – Aug 2024

- Developed PowerBI dashboards that provided actionable insights for strategic decision-making.
- Processed and cleaned data from Excel, CSV, and SQL using R and Python for in-depth analysis.
- Conducted detailed data analysis to identify trends and patterns, providing insights that shaped company strategies.
- Proposed and implemented process improvements, streamlining workflows and enhancing data integration to improve efficiency and reduce manual tasks.

HAPSO AUTO   Lodi, NJ
Supply Chain Analyst   January 2024 – May 2024

- Employed web scraping techniques in R to amass a comprehensive database of prevalent car brands, models, and manufacturing years registered across New York City, Philadelphia, and New Jersey.
- Refined a massive 12.2 million record dataset using Python and R, enhancing data quality by discarding irrelevant attributes and rectifying incomplete entries.
- Developed a specialized API in R to translate VIN numbers into corresponding car makes, models, and production years.
- Designed and presented a suite of insightful graphics and reports via Tableau, facilitating strategic decision-making for senior management.

FIN & FEATHER   Iowa City, IA
Inventory Systems Administrator   Jun**.** 2022 – Jun. 2023

- Inputted product details into the Point-of-Sale (POS) system, ensuring accurate tracking and management of inventory levels
- Generated purchase orders through the POS system to streamline the ordering process and maintain optimal stock levels of necessary items
- Created detailed receiving reports to document the receipt of goods, facilitating accurate updates to inventory records and ensuring data integrity

SPLITONE TECHNOLOGIES   Tempe, AZ
Database Architect Intern   Feb 2022 – Jun. 2022

- Developed a Google Dashboard for a client to visualize click-through rate and call rate data
- Designed the dashboard to display clear and easy-to-understand graphical representations of the data
- Set up the dashboard to be interactive, allowing the client to filter and manipulate the data for deeper analysis of their metrics

PROJECTS

INPHLO   Bettendorf, IA
Business Consulting Project   Jan 2023 – May 2023

- Enhanced Inphlo's market position through expert industry analyses, driving online engagement and expanding customer base
- Deployed custom automation and data analytics solutions, optimizing operational efficiency for small to mid-sized businesse in the manufacturing sector
- Revitalized Inphlo's marketing strategy, emphasizing unique customization capabilities and leveraging social media to strengthen brand recognition