Sarah Fawson

CONTACT ME

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Email
Linkedin
Github
Portfolio

RECENT DATA PROJECTS

Twitter Trolls Sentiment Analysis | Link to code on Github
PURPOSE: A group project to measure the sentiment of Russian troll tweets surrounding the 2016 US presidential election
ROLE: Data cleaning, VADER sentiment scoring, Natural language processing analysis & matplotlib data plotting
TOOLS USED: Python, Pandas, NLP, Matplotlib, VADER library

Mortality ETL | Link to code on Github
PURPOSE: Extract, transfer, and load multiple datasets in different formats into the same database. My partner and I chose to scrape US mortality data from government databases.
ROLE: Census data extraction, data cleaning, SQL data loading
TOOLS USED: Python, Pandas, noSQL

Weather Data Website | Link to Website
PURPOSE: Extract historical weather data from the OpenWeatherMap API to plot weather patterns in a specific area during a specific timeframe. Load analysis onto a custom-built website.
ROLE: Data analysis, API call, visualization development with matplotlib, web creation
TOOLS USED: Python, Pandas, Matplotlib, HTML, CSS, APIs

ABOUT ME

Creative problem-solver experienced in data visualization helping people understand topics with well-designed data. Curious, kind, continuous learner.

SKILLS

Data Analysis, Python, HTML/CSS, Javascript, D3, SQL, Tableau, Digital Illustration, Adobe Illustrator, Microsoft Excel, Project Management, Organization, Teamwork, Question-Asking

PROFESSIONAL EXPERIENCE

Creative Operations Manager - In Pursuit Of

ARLINGTON, VA | JANUARY 2018 - PRESENT

Ensures effective operations within the creative team. This includes operations strategy, data analysis, and project management.
- Create Power BI dashboards with visualizations on company cost centers, resource utilization and client demand
- Project managing the launch of the company onto an enterprise project management and time tracking system
- Host book clubs on economics and social change topics

Supply Chain Manager - INVISTA

WICHITA, KS | JUNE 2016 - DECEMBER 2017

Managed the strategy and logistical execution of two product lines globally - required project management, collaboration, leadership and adaptability.
- Developed long-term strategic plans using SAP ERP and Excel
- Coordinated short-term plans between chemical plants, logistics and corporate teams
- Hosted book clubs on economics and leadership topics

EDUCATION

Data Analytics & Visualization Certificate
George Washington University

NOVEMBER 2018 - MAY 2019

24-week intensive program to learn technical skills in Git, Python JavaScript, D3, SQL, HTML, CSS, R and Tableau.

B.A., Supply Chain Management Minor, Spanish
University of Oklahoma

AUGUST 2012 - MAY 2016

- Semester abroad in Barcelona, Spain
- Economics Club

Graphic Designer - KT Design

FREELANCE | DECEMBER 2012 - SEPTEMBER 2017

- Designed flyers, invitations, holiday cards, website wireframes, and booklets in the Adobe creative suite
- Required adaptability, time management and customer focus to work with several client preferences

Market Data Analyst - INVISTA

WICHITA, KS | MAY 2015 - AUGUST 2015

- Created a POV on market consumption rates of chemical product usage rates in tires with market research and forecasting analysis to inform sales team of future competition
- Aggregated company data subscription costs to highlight cost saving opportunities - yielded over $300,000 in annual savings

INTERESTS

Rock climbing, illustrating, reading, painting, cooking, travelling