

JARED WALKER

DATA ENGINEERING – ANALYTICS – DEVELOPMENT

<https://jaredmwalker.github.io/>

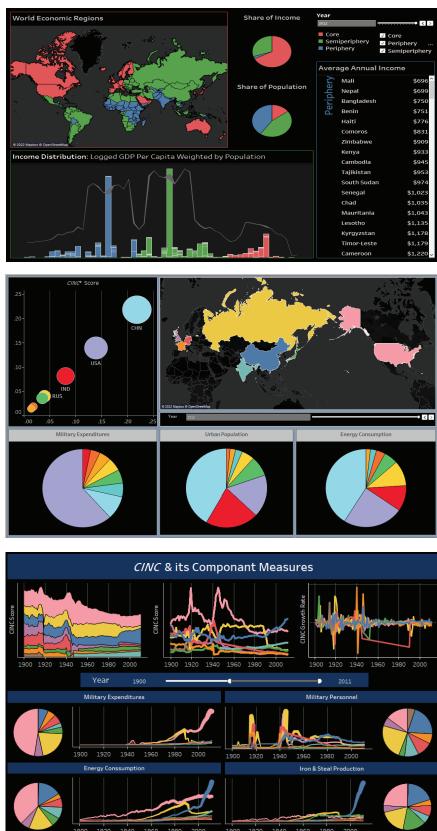
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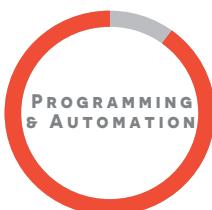
ABOUT ME

I specialize in database management, analytics, and web & app development. My expertise include programming, task automation, data querying, data collection, data wrangling, data visualization, and statistics. I have 7+ years' experience in R / RStudio / R Markdown, Excel, PowerPoint, Word, Adobe Acrobat; 3 years' experience with Tableau, Qualtrics, STATA; 2 years' experience with SQL Server Mgmt Studio, Adobe Illustrator; 1 year or less with Power BI, Jupyter Notebook, GitHub, Visual Studio Code. I have a master's degree in International Security and IBM certifications in Data Engineering and Data Science.

EXAMPLES OF MY WORK



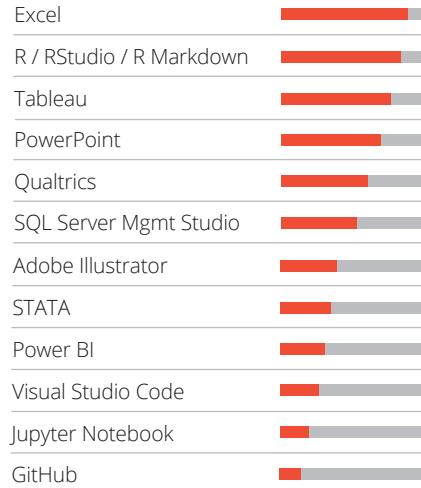
SKILLS



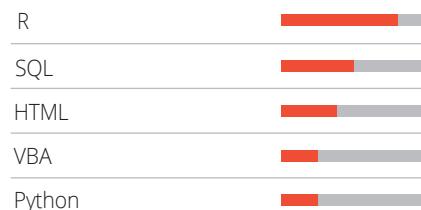
ANNUAL PROJECTS

- Oct 2021–Sep 2022
Pandemic EBT 2022
- June 2022–June 2023
2023 COVID Waiver Op-In Survey
- Mar–May 2022
CEP Annual Notification Report
- Mar 2022
Data Training Needs Survey
- Jan–Feb 2022
School Meal Operations Survey
- Jan 2022
FNS-828 Paid Lunch Price Report
- Oct–Nov 2021
Food Safety Inspection Report
- Oct 2021–Jan 2022
October Survey
- Sep–Oct 2021
CNP Annual Report
- July–Aug 2021
FRAC Afterschool Meals Survey
- July 2021
Utah Breakfast Map

SOFTWARE

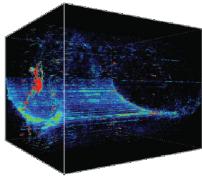


LANGUAGES



STATISTICAL MODELING

- Event Analysis
- Logit Regression
- Outlier Detection
- ANOVA / MANOVA
- Difference-In-Means
- Markov Chain Analysis
- Difference-In-Differences
- Multiple Linear Regression
- Linear Discriminant Analysis
- Discontinuity Research Design
- Generalized Linear Regression



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WORK

2022– PRESENT

PARTNER

COLLISION LABS (STARTUP)

- Chemical manufacturing and wholesale distribution of nutritional supplements inside the United States.
- Much of our time is spent networking, finding suppliers and customers, buying lab equipment, and creating product.
- R retrieves transaction data via B2B APIs, verifies the shipping address and prints a shipping label.
- Data base under construction.

2019 – 2022

DATA SPECIALIST

UTAH STATE BOARD OF EDUCATION

- Routine duties included presenting in townhall discussions to districts and charter schools, weekly data pulls from Qualtrics, the FNS-905 Summer Meals Report, the SNP Claims Variance Report, the CACFP Claims Variance Report, the Summer Meal Counts Comparison Report, and Count of Sponsors and Sites by Program Report.
- Worked collaboratively with management and specialists to design and administer data collections.
- Fulfilled internal and external data requests and providing ad hoc visualizations upon request.
- Served as the Primary Point of Contact on specified reports; Second Set-of-Eyes on specified reports.
- Developed and maintained Standard Operating Procedures for specified reports.
- Achievements include Pandemic EBT, statistical refinements to the claims variance reports, and the incorporation of R and Tableau to software architecture and CNP reporting process.

2007 – 2019

TECHNOLOGIST

PSG PROFESSIONAL SERVICES

- Performed sleep diagnostics, generated physician reports, and managed patient records vis-à-vis the Easy III database.
- Neurophysiological data such as EEG, EOG, EMG, EKG, oxygen saturation, and respiratory flow collected on each patient.
- Identified sleep stage, REM sleep, epics of wakefulness, and abnormal event data such as arousals, apneas, and involuntary limb movements.

EDUCATION

SPRING 2023

MASTER OF SCIENCE, INTERNATIONAL SECURITY

2023

IBM DATA ENGINEERING PROFESSIONAL CERTIFICATE

2023

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE

SPRING 2003

BACHELOR OF SCIENCE, POLITICAL SCIENCE