

# JARED WALKER

## DATA ENGINEERING & ANALYSIS

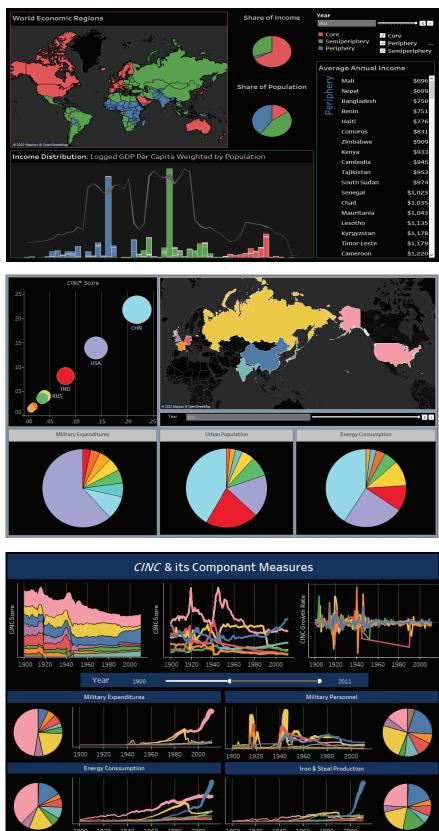
<https://jaredmwalker.github.io/>

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Email jaredwalker@pm.me

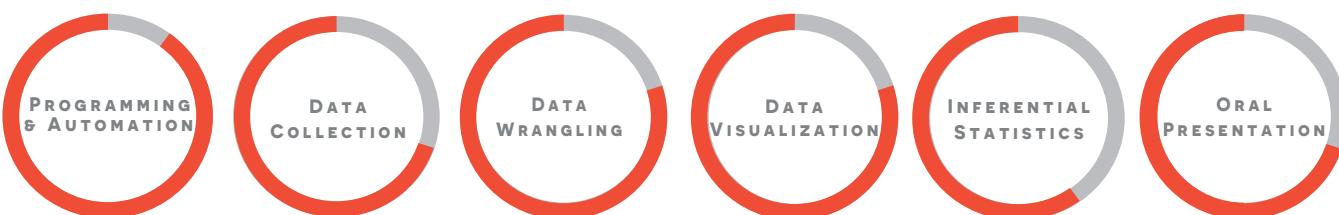
### ABOUT ME

I specialize in data management and analytics. My skills include programming, task automation, data collection, data wrangling, data visualization, and statistics. I have 6+ years' experience in R, R Markdown, Excel, PowerPoint, Word, and Adobe Acrobat; 3 years' experience with STATA; 2+ years' experience with Tableau and Qualtrics; 1 year or less with SQL Server Mgmt Studio, Jupyter Notebook, Power BI, GitHub, Adobe Illustrator. I have certifications in Data Engineering and Data Science and a Master of Science in International Security.

### EXAMPLES OF MY WORK



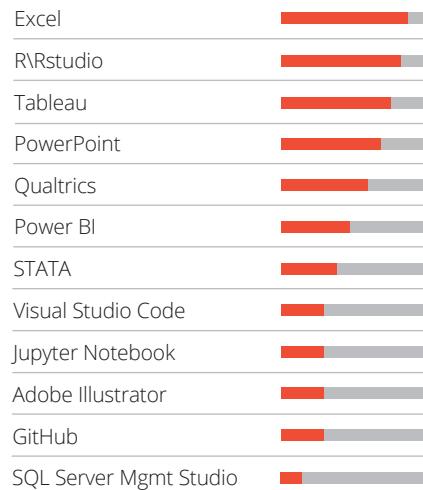
### SKILLS



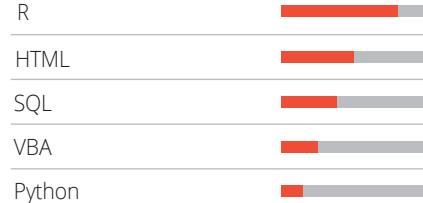
### ANNUAL PROJECTS

- 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

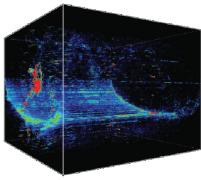


### LANGUAGES



### 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 bases 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

Utah State University, Logan, Utah

### 2022

#### IBM DATA ENGINEERING PROFESSIONAL CERTIFICATE

### 2022

#### IBM DATA SCIENCE PROFESSIONAL CERTIFICATE

### SPRING 2003

#### BACHELOR OF SCIENCE, POLITICAL SCIENCE

University of Utah, Salt Lake City, Utah