

# JARED WALKER

## DATA SCIENCE

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

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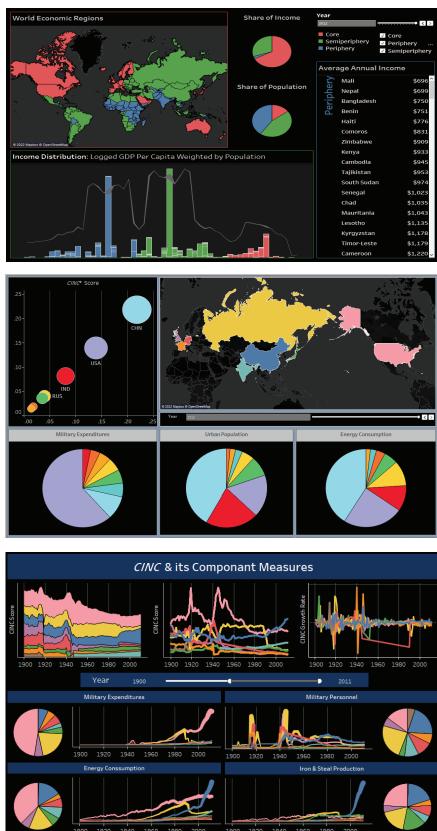
Email

[Jared.Walker@collisionlabs.net](mailto:Jared.Walker@collisionlabs.net)

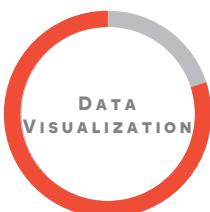
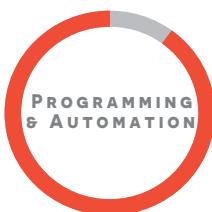
## ABOUT ME

I specialize in database management & analytics with secondary specializations in web & app development. My skills 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 Adobe Illustrator; 1 year with SQL Server Mgmt Studio, 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



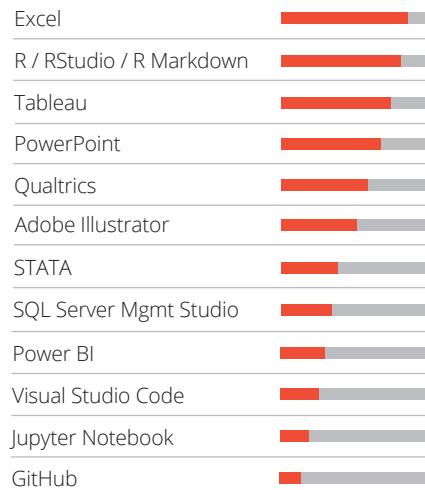
## SKILLS



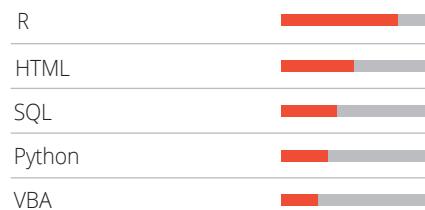
## ANNUAL PROJECTS

- 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

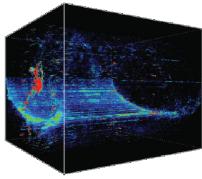


## LANGUAGES



## 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

### FALL 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