

# Nate Carvey

## Data Analyst

My success as a business owner and project manager has allowed me to develop and pursue my passion for understanding the way the world works through the empirical lens of data analytics.

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Austin, TX

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## SKILLS

SQL

Python

Excel

Tableau

Clear Communication

Data Visualization

Problem Solving

Statistics

Business Insights

Curious Mindset

Self-Starting

Ad Hoc Reports

Machine Learning

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## EXPERIENCE

### DATA ANALYST | *Freelance*

Austin, TX | 06/2021 – Present

#### **Housing Supply Analysis**

- Developed python script to access city data API and download a pre-queried dataset and produce an intuitive chart to visualize the historic gap in new housing supply and demand.
- Built a multiple linear statistical model of projected construction completion dates for baseline comparison and an adjusted model to forecast actual completion.
- Currently building a fully automated AWS Lambda function to remotely pull and process current data, produce an updated png chart, and store to AWS S3 bucket for static hosting.

#### **Homelessness in Austin**

- Collaborated with a local homelessness services agency (Austin ECHO) to understand homelessness data tracking methods, metrics, and methodologies.
- Produced an interactive, online tool to visualize the annual flow of homeless populations by service area to help local governments and care facilities identify key areas for fund allocation consideration.

#### **Vaccination Correlation**

- Sourced, cleaned, formatted and merged two data sets to examine the relationship between two variables.
- Generated exploratory charts to visualize the relationship, computed the sample covariance, the correlation coefficient, the  $r^2$  value and conducted two T tests to confirm a statistical significance.

### OWNER / OPERATOR | *Lost Foundry LLC*

Seattle, WA | 02/2019 - 09/2020

- Estimated, managed, and successfully completed multi- phase residential construction projects.
- Leveraged my skills in carpentry and project management to gain hands-on business experience.
- Established and grew lasting relationships with subcontractors and clients in a reputation-based industry.

### PROJECT MANAGER | *Niederberger Contracting*

Seattle, WA | 10/2016 - 01/2019

- Managed resourcing, logistics and execution of residential construction projects with budgets exceeding \$150K.
- Facilitated a shared vision of success between multiple stakeholders, often with conflicting incentives.
- Performed cross functional management and oversight alongside meeting personal workload goals.

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## EDUCATION

Dataquest.io | *Data Science in Python pathway, Data Science*

online | 11/2020 – 06/2021

University of Washington | *BA, Political Science*

Seattle, WA | 09/1999 – 06/2004