

# Isaac Layton

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I use statistics and programming to gather, analyze, and report data in a way that produces educated decisions.

## Education

### California Polytechnic State University (Cal Poly) / 2012-2016

Bachelor of Science in Statistics / June 2016.

## Technical Skills

### Data Analytics

Python (including NumPy, Pandas, Scikit-learn), R, Excel with VBA

### Data Processing

SAS Certified Advanced Programmer, AWS including EC2 and S3, MySQL

### Web Development

Django, React.js, d3.js, HTML, CSS

### Other

Git, bash, some C and Java

## Projects

### Jeopardy Project / 2018

I extracted 5000 + episodes' data from an online Jeopardy archive using Python, then visualized it using React.js and d3.js.

### Senior Project / 2015 - 2016

I used k-nearest neighbors, random forests, and quadratic discriminant analysis to classify handwritten digits from the MNIST dataset. R was the language used in this project.

## Experience

### Supply Chain Assistant / Really Right Stuff / 2016 - Present

I manage my company's supply chain by updating inventory Excel sheets by means of VBA and macros, forecasting future item consumption, and interacting with all of the internal departments and external vendors to ensure optimal inventory levels.

### Shift Lead / Tacos to Go / 2014 - 2015

I led shifts of 3-5 people at my college's popular taco restaurant. It strengthened my leadership and communication skills.