

# 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, 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 employees at my college's popular taco restaurant. It strengthened my leadership and communication skills.