

# JOHN SOKOL

*Data Scientist*

## CONTACT



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## PROFESSIONAL EXPERIENCE

Data Solutions Architect  
Business Intelligence & Analytics  
AtlantiCare Health System  
March 2018 – Present

Pharmacy Technician  
CVS Health  
April 2014 – Present

Data Science Consultant  
RE/MAX of Long Beach Island  
April 2018 - Present

## BACKGROUND

Data scientist specializing in data visualization, statistics, & machine learning to solve critical business problems.

Build self-service analytics tools by connecting disparate enterprise data using Vertica SQL queries & Tableau for key stakeholders to determine high risk inpatients & long-term business implications. Propose implementation of machine learning to aid with rendering patient health decisions.

Lead Scriptsync initiative to increase medication pick up compliance by 15%. Prioritize superior customer service to ensure CVS brand loyalty. Consult with pharmacy management regarding store KPI's in analytic context.

Data mine public records to profile demographics of potential real estate clients. Manipulate data with Python & build Tableau dashboards that deliver key business insights regarding secondary home ownership.

## LANGUAGES

Python

R

SQL

Tableau

## EDUCATION

**Master of Science in Data Science & Strategic Analytics** GPA: 4.00  
Stockton University August 2018

**Bachelor of Science in Biochemistry, Computer Science minor** GPA: 3.84  
Stockton University | NCAA Track & Field | Resident Assistant May 2017

## PACKAGES/ML SKILLS

### Python/R

Pandas, NumPy, Sci-kit learn, Keras  
Tidyverse, ggplot, R Markdown

### Machine Learning:

Classification/Regression  
Clustering  
Feature engineering  
Model selection

## PROJECTS

### Python:

Predicting Heart Disease with Machine  
Learning, Analysis of UK Energy Consumption

### R:

K-means clustering, perceptron, linear &  
logistic regression implementation

### Tableau:

Venus Thromboembolism (VTE), Super Bowl  
Win Probabilities

## SELECT COURSEWORK

### Fall 2017:

Data Exploration, Data Gathering &  
Warehousing

### Spring 2018:

Machine Learning, Data Visualization

### Summer 2018:

Ethics & Security of Data Science,  
Communicating Data Stories

