

JOHN SOKOL

Data Scientist

CONTACT

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PROFESSIONAL EXPERIENCE

Data Analytics Intern
Business Intelligence & Analytics
AtlantiCare Health System
Mar 2018 – Present

Pharmacy Technician, CPhT
CVS Health
Apr 2014 – Present

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

LANGUAGES

Python
R/RStudio
SQL
Tableau

PACKAGES/ML SKILLS

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

Machine Learning:
Classification/Regression
Clustering
Feature engineering
Model selection

BACKGROUND

Data scientist specializing in data visualization, statistics, & machine learning to solve important 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 important business insights regarding secondary home ownership.

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 May 2017

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