JOHN SOKOL

Data Scientist

CONTACT

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PROFESSIONAL EXPERIENCE

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

Create analytic solutions by connecting disparate enterprise data using Vertica & Microsoft SQL Server queries, then build insightful Tableau dashboards for key stakeholders to determine high risk inpatients & long-term business implications.

Adjunct Professor of Business
Stockton University
August 2018 – Present

Teach Introduction to Data Visualization. Conceptual data visualization best practices and Tableau/R to undergraduate business analytics students.

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

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.

BACKGROUND

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

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