



Scott Snow

Data Scientist



Education

Apr 2018 - present

Syracuse University, MS in Applied Data Science

Gather and Load Data

- Create written and internet forms and surveys for data collection
- Web-scraping and API interaction
- Database Management Experience:
 - ▶ MongoDB ▶ MSSQL ▶ MySQL
- Storage File/Program Experience:
 - ▶ JSON ▶ CSV/TXT ▶ HTML5/CSS ▶ MS Excel ▶ MS Access
- Utilize a variety of R and Python packages to connect to these sources
- Create Object Classes for data storage and analysis in Python or Java

Transform and Analyze Data

- Create SQL Queries to access specific views which combine many data entities in a way that is concrete and easy to digest
- Perform a number of statistical evaluations to determine data significance
 - ▶ Hypothesis testing ▶ A/B testing ▶ Significance evaluation
- Utilize a variety of packages and tools to transform unstructured or semi-structured data into structured data including image, text, sound and map data
 - ▶ dplyr ▶ Regular Expressions ▶ SQL ▶ Pandas ▶ SKlearn ▶ NLTK
- Perform clustering analysis(k-means) and topic modeling(LDA) to determine most likely grouping

Gain Insight from Data

- Machine learning models: ▶ Support Vector Machine ▶ Naive Bayes
 - ▶ Decision Tree ▶ Random Forest.
- Supervised/semi-supervised learning models: ▶ K-Nearest Neighbors
 - ▶ Association Rule
- Deep learning models: ▶ Neural Networks ▶ Convolutional Neural Networks

Communicate Insight

- MS Power Point
- Graphical software
 - ▶ Adobe Photoshop ▶ Adobe Illustrator
- Programming libraries
 - ▶ Matplotlib ▶ ggplot2
- Visualization Software
 - ▶ Tableau ▶ Power Pivot ▶ MS PowerBI

Aug 2009 - Aug 2014

Washington State University, BS in Mathematics

Provides students with a fundamental knowledge of Mathematics and a secondary applied skill set (Secondary Education).



Experience

Jan 2017 - present

Certified Operator

Premier Building Systems

Performed maintenance, leadership and operational tasks to meet production goals

Sep 2014 - Aug 2016

Management Associate

Hertz Local Edition

Performed management and operational duties to fulfill customer needs and reservations

Recognized for Sales and Customer Service



Personal Info

Phone

253-753-4077

E-mail

scsnow@syr.edu

LinkedIn

<https://www.linkedin.com/in/scott-snow/>



Purpose

To constantly improve my ability to lead, create, innovate and problem solve in a position where these abilities can provide a significant advantage to my colleagues, customers and society as a whole



Skills Summary

R	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Java	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Photoshop	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Excel	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>