SMEET VIKANI, MSIS

DATA SCIENTIST

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Skills

PYTHON LIBRARIES/TOOLS

Flask
Scikit-learn
StatsModels
Keras
Selenium
Pandas
Word2Vec
Numpy

VISUALIZATION

Matplotlib
Seaborn
Plotly
D3.js
Folium Maps
HTML/CSS

MACHINE LEARNING

Regression
Classication
Natural Language Processing (NLP)
Topic Modeling
Clustering

DATA MANAGEMENT

AmazonWebServices (AWS)
PostgreSQL

MISC.

Git
Google Analytics
SEO/SEM

Education

New Jersey Institute of Technology
Masters in Information Systems 2016
Specialization: Data Management

Rutgers University
B.S. Information Technology 2013

Employment

Metis
Data Scientist

New York, NY
Apr 2018 to Jul 2018

Metis is a full-time, three month data science bootcamp focusing on machine learning, statistics, programming, natural language processing, database management, and visualization. Completed five projects and demonstrated knowledge in supervised and unsupervised learning, NLP, classification and regression.

Selected Projects

Used Car Price Prediction Model:
- Used linear regression modeling to predict used cars prices. Scraped records from Carfax website using selenium.
- Modeled data using Scikit-learn and Stats-models. As a result, the regularized and cross-validated model accurately predicted car prices with 83% accuracy and a low RMSE.

Twitch Comments NLP:
- Analyzed twitch user comment data to find 5 best minutes of footage in a 6+ hour video. Used unsupervised clustering and NLP techniques to extract topics of discussion during the best plays of the stream.
- As a result developed an interactive flask/D3 App that would find and recommend best plays for any video on twitch.

AirBnB New User Behavior Classification:
- Analyzed records of new user web activity to predict and classify their destinations, between US and Non-US. Tested and tuned various models such as SVM and Random Forest, best performing model was logistic regression.
- As a result, model was able to predict US users from around the world with a 82% recall rate. Accuracy and Recall were balanced using a custom cost function.

Geodis
Sr. Data Analyst

Iselin, NJ
Jul 2013 to Apr 2018

Geodis is worlds leading freight forwarding company with a global presence in 60+ countries. Managed a Data Department consisting of 4 Data Analysts.

- Project lead for data migration during acquisition of our competitor, OHL Logistics. During the migration, created a data pipeline to validate, reformat and filter data before merging into our production database on SQL.
- Devised, coordinated, and conducted a mass data cleansing initiative to purge redundant customer records, reducing the database by 20%, which interim led to increase in billing efficiency.
- Automated process to send documents to customs via scripting. Prior to the automation, this process took 10 min of manual labor per document. This script was adopted in three countries.
- Successfully integrated new CRM Tool, MercuryGate, with current billing and freight management system. Created XML mappings for data exchange between the two systems.

Freelance
SEO Analyst

- Analyzed digital platform metrics and provided detailed recommendations for improving customer acquisition and engagement.
- Collaborated with external developers to optimize website design, SEO and usability, which resulted in 15% revenue growth and 30% conversion rate growth.