Janam Patel

janampatel15@gmail.com | Portfolio | GitHub | LinkedIn

EDUCATION

Drexel University, College of Computing and Informatics   Sept. 2020 – June 2022
Master of Science | Data Science

York College, City University of New York   Aug. 2017 – June 2020
Bachelor of Science | Computer Science

WORK EXPERIENCE

Kohl's | New York, NY   Oct. 2017 – May 2021
OMNI Store Associate
- Seasonal Lead of the Department to help management achieve goals - was awarded Employee of the Month
- Maintaining orders processed per day above 95% and order cancellation rate below 5%
- Ship out 200+ online orders and process 70-100 Pick-up orders daily

WayUp | New York, NY   June 2019 – Aug. 2019
Sales and Data Operations Intern
- Identified and researched for more than 400 potential clients, and leads
- Provided Sales Operations support at the direction of Director of Sales Operations
- Entire Salesforce clean up and automated for creation and mailing of reports and updating accounts

ACADEMIC PROJECTS

Music Genre Classification   Jan. 2022 – Mar. 2022
- Engineered a Convolutional Neural Network to classify music genres using MFCC features and spectrograms
- Achieved 92.87% accuracy on three second audio signals and 91.13% accuracy on 30 second audio signals

Analyze and Predict game outcome for League of Legends   Jan. 2022 – Mar. 2022
- Leveraging PySpark's built-in machine learning functionality to predict game outcomes and performing EDA
- Utilized PySpark's GridSearch for hyperparameter tuning and accomplished accuracy of 91% for the testing dataset and 92% for the training dataset

Stock Price Prediction with ML and Sentiment Analysis   June 2021 – Sept. 2021
- Predicted stock price for *n numbers* of days in future based on other stock market metrics and sentiment analysis obtained by using StanfordCoreNLP and NLTK
- Implemented different ML and NLP models for sentiment analysis and price prediction, to achieve 60% accuracy with model returning 0.5% to 4.8% in profit

New York City Crime Analysis   June 2021 – Sept. 2021
- Assembled and inspected more than 3.8 million crime record data to make out any trends across New York City's five boroughs
- Performed data analysis to investigate any time, events, or location-based trends and in crime across NYC

Building a Song Recommendation and Analyzer System   Jan. 2021 – Mar. 2021
- Collected and analyzed 340k+ songs and Top 100 Billboard's features obtained from Spotify API and Soundiiz
- Engineered a recommendation system using Scikit-Learn's cosine similarity combined with the angular distance

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, C++
Database Management Systems: MySQL, NoSQL
Machine Learning: Regression Models, Classification Models, Neural Networks, Deep Learning
Big Data Analytics: Apache Hadoop (MapReduce), Apache Spark
Tools/Libraries: Tensorflow, Keras, Pandas, NumPy, PySpark, PyMongo, Scikit-learn, Gephi, Salesforce
Language: English, Hindi, Gujarati, and Urdu