Priyank Patel

Summary

I am a student at St. Clair College, Windsor, learning and practicing Data science and Analytics. Looking for an entry level position in the Data Science domain to analyze and optimize my skill to the derive Data Driven solution for Business problems.

Projects

Depression Detection based on Financial state.

- Build a model to predict the probability of Depression based on the financial status of the patient.
- Classification algorithms used such as Logistic Regression, Random Forest, KNN.
- Classification matrix is primarily used for evaluating performance.

15 Min City Planner

- This is an Unsupervised model using K means Clustering where the readiness of city is measured.
- The model clusters all location which are reachable within 15 minutes distance from number of Medical services.

Beyond Carbon DC

- A visualization dashboard for analyzing the Energy and water consumption in Washington DC, build by using Tableau Dashboards.
- This data contains information of Energy and water consumption of properties having over 50000 gross square feet of area.

Stock Price Prediction using Neural Networks.

- This project is built to predict the stock price for short term movements using LSTM networks, RandonForestRegressor and XGBoost.
- RMSE is used as primary performance metrics.
- Best models obtain is XGBoost with RMSE of 0.01 and LSTM with RMSE of 2.06

More Projects on GitHub.

Education

Data Analytics for Business, Post Graduate Diploma 2020-2021
St. Clair College, Windsor

Computer Engineering, Bachelor's in Engineering (BE) 2015-2019
Silver Oak University, Ahmedabad

Contact

Phone:

+1 5199815341

Mail:

Priyankp150@gmail.com

LinkedIn:

www.linkedin.com/in/prk2411/

GitHub:

https://github.com/prk2411

Portfolio:

https://prk2411.github.io/My-Portfolio2/

Skills

Programming Language:
Python, SQL, R, Java, HTML, CSS

Softwares:
Tableau, PowerBI, R studio, MS Suite

Packages:
Pandas, NumPy, Scikit-learn, Keras, Matplotlib, Seaborn, TensorFlow

Algorithms:
Linear Regression, Lasso, Logistic Regression, Decision Tree, Random Forest, KNN, Naïve Bayes, SVM, Ensemble methods, CNN, LSTM, Flask.