Priyank Patel

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Portfolio: https://prk2411.github.io/My-Portfolio2/ | **GitHub**: https://github.com/prk2411

SKILLS:

Programming: Python, SQL, R, Java, HTML, CSS, SAS, SPSS, Spark.
Software: Tableau, PowerBI, R studio, Excel, Google Analytics, Cognos Analytics, AWS, GCP Suite, MySQL, Redshift.
Packages: Pandas, NumPy, Scikit-learn, Keras, Matplotlib, Seaborn, Plotly, TensorFlow, Statsmodels.
Techniques: Linear Regression, Lasso, Logistic Regression, Decision Tree, Random Forest, KNN, Naïve Bayes, SVM, Ensemble methods, CNN, LSTM, Flask.

EDUCATION:

St. Clair College, Windsor **April 2021**
Post-Graduate Certification in Data Analytics for Business **GPA: 3.9/4**
Coursework: Machine Learning, Advanced Statistics, Data Visualization, Deep Learning, Business Intelligence, Data Structures & Algorithms, Project Management, Financial Analytics, Cloud Computing, Ethics for Analytics

Silver Oak University, Ahmedabad **May 2019**
Bachelor's in Computer Engineering **GPA: 3.7/4**
Coursework: Operating Systems, DBMS, Computer Graphics, Data Structures and Algorithms, Object Oriented Programing, Computer Networks, Microprocessors, Cyber Security, System Programming

WORK EXPERIENCE:

PoshaQ, Data Analyst **Jan 18 – Jun 19**
Executed data collecting and munging tasks from the client's internal database using SQL and from online sites using Web Scraping. Analyzed data from multiple data sources to build Analytical Reports using python and Tableau. Cooperated with Senior Manager in Designing a Recommendation system based on clustering methods using python and Machine Learning to promote new strategies and achieved a 17% increase in quarterly sales.

QData, Data Science Intern **Jun 19 – Dec 2019**
Developed data processing pipelines in GCP using Python and SQL to perform Data cleaning and ETL processes. Prepared automated data visualization reports to measure the performance of Machine Learning Models using PowerBI. Retraining predictive models using new data to enhance the accuracy by 12% and deployment of models to a web application.

PROJECTS:

Employment demand forecasting for Canada.
- Build a time series forecasting model to predict the employment demand for the next decade.
- Forecasting methods such as ARIMA and LSTM are used to forecast different scenarios. Compiled 98 models to forecast two scenarios in 49 different industry sectors and deployed using Streamlit library.
- https://share.streamlit.io/prk2411/employment_demand_forecasting/main/app.py

15 min City Planner
- This model clusters all location which is reachable within 15 minutes distance from the number of Medical services which can measure the readiness of the medical services of the city.
- Data is collected using Web scraping methods and FourSquare API using Python and visualized in Tableau.
- These clusters are created using Unsupervised Machine Learning Methods like K-Means Clustering.

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 on Energy and water consumption of properties having over 50000 gross square feet of area.

More Projects on GitHub.