GAURI PURANDARE

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FL

SKILLS

Language:
Python, R, SQL, SAS, MATLAB

IDEs:
Visual Studio Code, PyCharm

ML Algorithm:
Logistic Regression, Decision Trees, Supervised Learning, Unsupervised Learning, Reinforcement Learning, Classification, SVM, Anomaly Detection, Random Forests, Naive Bayes, KNN, KMeans, CNN

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

Visualization Tools:
Tableau, Power BI

Database:
SQL Server, MySQL

Other Tools:
Git, MS Excel

Operating System:
Windows, Linux, MAC

EDUCATION

Master's in Electrical and Electronics Engineering
University of South Florida, Tampa, FL

Bachelor in Electrical and Electronics Engineering
University of Mumbai, India

SUMMARY

- 2+ years of experience in Data Science and Analytics including Deep Learning, Machine Learning.
- Proficient in using various packages in R, SQL, SAS and MATLAB libraries in Python.
- Ability to using various Python libraries NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, Seaborn and TensorFlow
- Knowledge of various applications using Python integrating IDEs Visual Studio Code and PyCharm.
- Understanding of machine learning algorithms including Linear Regression, Logistic Regression, Decision Trees, Supervised Learning, Unsupervised Learning, Reinforcement Learning, Classification, SVM, Random Forests, Naive Bayes, KNN, K-Means and CNN.
- Proficient in tools such as Tableau, Python and Power BI.
- Proven knowledge of data mining, including predictive behavior analysis, Optimization and Customer Segmentation analysis using SAS and SQL.

EXPERIENCE

Project | Sep 2021 – Current

Data Scientist

- Using different feature engineering methods in Python to cleanse good dimensional datasets and prepare the datasets for data modeling.
- Using Python libraries for machine learning such as Pandas, NumPy, Matplotlib, Scikit-learn, SciPy to Load the dataset, visualize the dataset, evaluating some algorithms andmaking some predictions.
- Maintaining and developed complex SQL queries, stored procedures, views, functions and reports that meet customer requirements.
- Create and publish multiple dashboards and reports using Tableau server.

Ninad's Research Lab, India | Nov 2018 - July 2021

Data Scientist

- Performed standard SAS Administration duties such as creating users/groups, defining libraries/databases, and registering metadata.
- Developed and automated the data manipulation process for above using store procedures/views in SQL Server.
- Performed random forests and analyzed graphs on training and testing errors sample size.
- Used supervised machine learning techniques in various projects.
- Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
- Designed and developed various Ad hoc reports for different teams in MS Excel.
- Worked on relational databases like SQL Server and MySQL.