Satish Kumar

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Profile

5 Years of Industrial Experience as Machine Learning Engineer, Data Analyst & Business Analyst. Looking for challenging opportunity to provide end to end solution of application using Machine Learning and different technology stack with suitable design patterns.
Having a good understanding of Machine Learning, Statistical modelling, Exploratory Data Analysis, Predictive analytics, Feature Engineering & Good classroom experience of Bigdata Fundamental, Artificial Intelligence, Deep Learning & NLP as well.
Deep understanding of a broad range of Machine Learning algorithms such as Linear Regression, Logistic Regression, Decision Tree, Random Forest, Naive Bayes, SVM, K-NN, K-Means Clustering, Boosting, Bagging, Principal Component Analysis, Market-Basket Analysis etc.
I am well-versed with various data visualization tools Such as GG-plot, Matplotlib & Tableau.

Experience

May,2017 – October,2019
Machine Learning Engineer• DigiQ Solutions • Hyderabad

- Importing data from various external data sources.
- Data cleansing and standardization i.e. duplicates, garbage sanitization.
- Exporting data to external sources through reports or spreadsheets.
- Implemented Python functions for performing data analysis
- Implemented the following machine learning algorithms - Linear Regression, Ridge Regression, Lasso Regression, Logistic Regression, Decision Trees, Random Forest, Support Vector Machines, Naive Bayes, K- NN and Neural Network for Binary Classification.

Feb,2015 – April,2017
Business Analyst• ASP Gayness Tech (P) Ltd • Noida

- Understanding the needs of Client.
- Engage Client to Gather Software Recruitments/Business Rules & Ensure Alignment with Development Teams.

- Creating, analysing and validating detailed functional specifications.
- Facilitating design sessions with the implementation team to define the solution.
- Delivering elements of systems design, including data migration rules, business rules, wireframes, or other detailed deliverables.

Education

IETE, New Delhi
Bachelor of Computer Science & Engineering with CGPA 6.19

Skills

- Python (NumPy, Pandas, Scikitlearn & Matplotlib)
- Machine Learning
- R-Lang (GG-Plot)
- Anaconda Distribution & R-Studio
- Deep Learning (TensorFlow / OpenCV)
- Multivariate Data Handling
- Data Wrangling
- Predictive Analytics
- Statistical Modelling (Descriptive & Inferential)
- Bigdata (Basic Fundamentals)
- NLP (NLTK)
- Database (MySQL)
- Tableau
- Window7 & Above, Linux (Basic)
- MS Office (Adv. Excel, Word, PPT)
- GIT, SVN
- Macro/VBA
- Team Player

Projects

Vehicles Sharing System: (Regression Problem)
Python (Jupyter)
Library: NumPy, Pandas, Matplotlib, Sklearn
Machine Learning: Random Forest.
Team Size: 5
Job was to Predication of vehicles rental count hourly or daily based on the environmental and seasonal settings.

Travel-Road Side Assistance: (Supervised Regression Problem)
Python (Jupyter), Matplotlib
Library: NumPy, Pandas, Matplotlib, Sklearn
Machine Learning: Random Forest Regressor

Team Size: 5
Job was to predict Call Volume, PTA/ETA, Correct Truck Id. Call Volume Predicted Hourly Basis, Daily Basis and Every Ten Days Basis. Predict Correct Truck Id based on Vehicle Breakdown Problems.

Insurance Forecast-Health Care Cost Prediction: (Supervised Regression Problem)
Python (Jupyter), Matplotlib
Library: NumPy, Pandas, Matplotlib, Sklearn
Machine Learning: Linear Regression.
Team Size: 5
Job was to you accurately predict insurance costs (Health) and Insurance Plan. Costs and plans may vary by Region. Costs may also vary based on the specific health plan you choose, also vary on the based-on Age & BMI.

Bank Loan Default Prediction: (Supervised Classification Problem)
Python (Jupyter), Matplotlib
Library: NumPy, Pandas, Matplotlib, Sklearn
Machine Learning: Decision tree, Random Forest, Logistic Regression.
Team Size: 4
Job was to predict whether a loan applicant will fully repay or default on a loan. Did all required Data Wrangling & Visualization Using Python & Matplotlib. Built a Machine Learning Model Using Decision Tree. The data set I use contains several tables with plenty of information about the accounts of the bank customers such as loans.

Certifications

- Data Analysis with Python certification by IBM (IBM-Cognitive Class)
- Data Science 101 certification by IBM (IBM-Cognitive Class)
- Data Visualization with R certification by IBM (IBM-Cognitive Class)
- Python 101 for Data-Science certification by IBM (IBM-Cognitive Class)
- R 101 certification by IBM (IBM-Cognitive Class)
- Big Data-101 by IBM (IBM-Cognitive class)
- Hadoop-101 by IBM (IBM-Cognitive class)

Hobbies

Learning New Technology
Playing Cricket
Traveling
Listening Song

Declaration

I confirm that the information provided by me is true to the best of my knowledge and belief.