CURRICULUM VITAE

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Technical Skills

Programming Languages: Python, R
IDE's: Anaconda, R-Studio, Jupyter, Pycharm, Eclipse

Machine Learning Techniques:

Regression- OLS, Logistic
Classification: KNN, Logistic regression, Decision Trees (CART), Neural Network, Naïve Bayes.

Ensembling: Bagging, Random Forest, Boosting, Cross Validation
Unsupervised Learning: Clustering (hierarchical, Kmeans),Association Rules- Market basket Analysis.

Education

Bachelor of Engineering, KSIT Banglore, IN **June, 2014**

Mechanical Engineering, 78%

Work Experience **Total Exp- 2 years**

Capgemini – Data Analyst **Bangalore IN| Jan 2017-Present**

➢ Anomaly detection

- Frame work built in R to detect anomalies at desired levels. Time series data with the metric at required levels (Dimensions) is passed into the framework to get the anomalies.
- Point anomalies and slope anomalies are detected using 12 weeks data pattern.
- Point anomalies are anything which deviates suddenly from the normal trend.
- Slope anomalies deviates gradually from the normal trend.Upper and lower limits are defined using statistical methods like Kendall and lowess on 12 weeks data.

Capgemini – *QA Analyst* Pune IN| Dec 2015-Dec *2016*

➢ Hsbc.Net

Hsbc.Net is a web-based commercial banking application that consists of mainly four sectors i.e Payments, UK, US, Core. Which allow us make different kind of payments like Priority Payment, ACH Payments, Eurozone Payments etc. A test suite of 10000 testcases were developed which would cover almost all the scenarios in all sectors.

Academic Project Experience

The Analytics Edge

- Linear regression, logistic regression, CART, clustering, and data visualization using ggplot in R.
- Understand through Machine Learning the features that make a New York Times Blog popular.

Data Science Competitions on Kaggle

- Predict Survival of the passengers on the Titanic ship using various classification algorithms.
- Combination of linear and Random Forest algorithm by using K Fold cross validation.