

Mukesh Koli

E-mail: mukeshkolimk77@gmail.com

Contact Number: 7738299749

Summary:

I have completed post-graduation in Business Analytics and Big Data from Aegis School of Business. I am currently working as Solution Developer in Tata Technologies with 4.2 year of experience in several tools and technologies from the Data Engineering, Data Science and Business Analyst.

Skills:

- R, Pyspark, Machine Learning, SQL, Postgresql , Mysql, Python, Scikit Learn,AWS EMR,EC2, Airflow, Spark, Advanced Excel, NLTK, Oracle,Tableau,Power bi.

Professional Experience:

Company - Tata Technologies.
Designation - Solution Developer.
Duration- February 2019 – Till date

Company – PNB Metlife.
Designation - Data Scientist.
Duration- August 2018 – February 2019

Company - Spocto.
Designation - Data Scientist.
Duration - July 2017 – July 2018.

Projects:

- 1. Porting legacy ETL workflow onto a Big-Data Spark Cluster, using Pyspark, and building a seamless data lake on Hadoop-Hive.**
- 2. Building Big Data and Analytics solutions on AWS EMR.**
- 3. Building different ETL Pipeline on AWS EMR Cluster.**
- 4. Automobile Data Analysis using Big Data Tools.**

5. Behavior-based Customer Segmentation for More Effective Insurance Marketing.

Problem Statement: Determines those segments of its consumer base, the company can use that data to make positive changes in service offerings and provide Insurance Policy that appeal to the specific needs and interests of these individuals.

Approach: Customer Data is imported in Python. First Step was to pre-processing data and then outcome variables are divided in binary classification problem. Data Analysis and dashboard is done through Tableau. Irrelevant features and collinear feature are dropped. Kmean and Kmode models are build to find different Segment.

6. Building service churn model for different lines of business.

Problem Statement: To develop probability of churn can be predicted using various machine learning techniques.

Approach: Measuring feature impacts on the likelihood of churn in order to understand why customers choose to leave based on historical data.

Creating churn risk scores that can indicate who is likely to leave and using that information to drive retention campaign. Integrating outputs with internal apps, such as a customer call center, to provide relevant real-time churn risk information.

7. Building Propensity Modeling.

Problem Statement: Propensity modeling attempts to predict the likelihood that visitors, leads and customers will perform certain actions.

Approach: Measuring feature impacts on the likelihood that a lead will convert to a customer based on historical data.

Creating churn lead scores that can indicate who is likely to convert to a customer. Integrating outputs with a customer call center, to provide relevant real-time Lead scoring of Customer.

Education:

- Post Graduate Program in Business Analytics and Big Data from Aegis School of Business in year 2017.
- Master in Information Technology Msc(IT) from Patkar –Varde College of Science and Commerce in year 2015.
- Bachelor in Computer Science Bsc(CS) from Patkar –Varde College of Science and Commerce in year 2013.