SAI CHAWAN

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PROFESSIONAL SUMMARY

- Expertise in the extraction, analysis and presentation of data using **Machine Learning, R, SQL, Python, Qlikview.**

PROFESSIONAL EXPERIENCE

- **Evaluating, analyzing and leveraging a range of statistical and written information.**

- **Skills in statistical techniques like linear regression modelling, correlation & multivariate regression modelling, decision trees and time series analysis, linear regression and logistic regression.**

- Excellent communication skill & ability to comprehend and relate to the clients and company personnel.
- Skilled in communicating technical information in an accurate and precise way with leadership quality and problem-solving skills.
- Detail oriented, methodical and able to understand multiple layered systems or business processes.
- Evaluating, analyzing and leveraging a range of statistical and written information using
- Proactively identifying opportunities to revise policies to enhance product strategy and returns, ensuring the risk appetite is aligned with strategic aims.

TECHNICAL SKILLS

- Platform- Windows.
- Languages- R, Python, Excel, SQL
- Development Tools – R Studio, Python, SQL

STATISTICAL AND MACHINE LEARNING TECHNIQUES

- Data visualization in R using ggplot2
- Feature engineering in R – Missing value and outlier handling, transforming variables and reshaping data, R packages like DPLYR
- Data preparation in Python using Numpy and Panda
- Predictive modelling using linear regression & logistic regression ROC, AUC performance metrics
- Decision trees
- Random Forest
- Clustering and Segmentation

WORK EXPERIENCE

LANDMARK GROUP - BUSINESS ANALYST **June 2019-Present**

- A robust algorithm-based solution is built & delivered weekly that optimizes hourly staff/cashier allocation to improve conversion, revenue & staff productivity. Through the analytical approach Cashier productivity is expected to increase significantly through the optimum allocation. Built a model to forecast Retail Quantity, Footfall and invoices with an accuracy of 82% and prepared a Rota for staff productivity with business rules. **Machine Learning - Linear Regression**

RENTOMOJO - DATA ANALYST **May 2018-June 2019**

- Based upon the customers reviews/comments on twitter, Facebook and YouTube. I need to build up a model to predict, if the customer reviews is good or bad. **Machine Learning- Logistic Regression Technique**
- Developed analytical solution, why our best and most experienced employees are leaving prematurely. It is realized when good people leave, it costs far more to replace them than providing some incentives to keep them. So, it would like to be data driven in the HR decisions to makes with respect to employee retention. Developed solution with AUC offering score for test data more than 0.853. **Machine Learning - Decision Tree Technique.**

DEFOUR ANALYTICS - BUSINESS ANALYST **Sep 2017- May-2018**

- Based on their client's characteristic and needed loan amount. Predict how much interest rates they will be offered by financial institution. We need to do predict interest rate offered to client. So far their recommendations have been based hunches business experience. Now they are trying to leverage power of data that they have collected so far. **Machine learning - Linear Regression Technique.**
- Price of a property is one of the most important decision criteria when people buy homes. Real estate firms need to be consistent in their pricing in order to attract buyers. Having a predictive model for the same will be great tool to have, which in turn can also be used to tweak development of properties, putting more emphasis on qualities which increase the value of the property. Need to use data housing train to build predictive model for response variable "Price". Housing test data contains all other factors except "Price".

  Machine Learning - Linear Regression Technique

ACADEMIC QUALIFICATION

Qualification	Name of Board/University	%Marks	Year Of Passing
B.Tech	National Institute of Technology (Nagpur)	5.1 CGPA	2015
XII	State board	83%	2011
X	C.B.S. E	70%	2009