SAI CHAWAN

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PROFESSIONAL SUMMARY

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

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 companypersonnel.
- Skilled in communicating technical information in an accurate and precise way with leadershipquality and problem-solving skills.
- Detail oriented, methodical and able to understand multiple layered systems or businessprocesses.
- Evaluating, analyzing and leveraging a range of statistical and written information using
- Proactively identifying opportunities to revise policies to enhance product strategy andreturns, ensuring the risk appetite is aligned with strategic aims.

TECHNICAL SKILLS

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

STATISTICAL AND MACHINE LEARNING TECHNIQUES

- Data visualization in R using ggplot2
- Feature engineering in R – Missing value and outlier handling, transforming variables andreshaping 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
- Time Series (ARIMA, LRS)

WORK EXPERIENCE

CAPGEMINI – CONSULTANT (Data Science) **March 2021- Present**

- A robust Model-based cash outflow forecasting solution is built & delivered. Cash flow forecasting is the process of obtaining an estimate or forecast of a company's future financial position, the cash flow forecast is typically based on anticipated payments and receivables. It can help you plan how much you expect to make in sales and spend in costs. Built amodel to forecast cash outflow with an accuracy of 84% across Singapore, Switzerland, Panama, USA. **Machine Learning – (Linear Regression, ARIMA, LRS)**

LANDMARK GROUP – DATA SCIENCE **June 2019-March 2021**

- 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**

- 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.**

HIGHER EDUCATION

- B.TECH National Institute of Technology(Nagpur)