✉ amurthapreeth01@gmail.com
📞 +91-9626298201

AMURTHA PREETH

Data Analyst with experience in interpreting and analyzing data for driving business solutions. Proficient knowledge in mathematics, statistics and analytics

💼 Professional Experience

November 2017 – May 2018

Nalco water, An Ecolab Company

Tools used: R programming language, Microsoft Excel, Minitab, Power BI

Project title: Investigating extra service for Ecolab's QSR division

- Designed and built statistical analysis models to reduce the frequency of extra services in Ecolab's QSR division.
- Investigated the water hardness of an area with the services made in an area using correlation analysis.
- Predicted the next service of a restaurant using popular regression models and found the anomaly for store visit weekly by this QSR division can reduce 134 requests/day.
- Dash boards using Power BI was built for the store representatives to identify the probability of a visit to a store with the service provided for that store.

🏅 Skills

Machine Learning Algorithm	Linear Regression, Logistic Regression, Lasso Regression, Support Vector Machine, KNN, K-Means, K-Medoids, Hierarchal Clustering, Random Forest, Gradient Boosting Machine, XG Boost, Association Rules
Big Data platform	Microsoft Azure
File System and Database	Oracle Enterprise edition, Microsoft SQL server
Languages and Tools	R, Python(Beginner), Azure ML studio, SQL, C++, Java
Visualization tools/packages	PowerBI
Others	MS Office 365, Minitab

🖥 Academic Projects

- Airline Management system
  Objective: To make an effective airline ticket management system for five different airlines.
  Tools used: Visual Basic, SQL PLUS

- McDonald's Nutrition Analysis
  Objective: To find the relation between the daily nutrition content required for an individual to that of the nutrition provided by McDonald's food.
  Approach: Correlation and regression analysis   Language used: R

🎓 Education

Education	Board/College	Year of Passing	Percentage
M.Sc Applied Mathematics	PSG College of Technology	2018	81%
B.Sc Mathematics	Kongunadu Arts and Science College	2016	78.9%
12th	State Board	2013	83.75%

Declaration

I, Amurtha Preeth, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief

Amurtha Preeth   Pune, Maharastra