

SURYAPRABHAKARAN R

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EDUCATION

Vellore Institute Of Technology

June 2016 - May 2021

M.Tech integrated Software Engineering 2021

Graduted with 6.79 cgpa

Dr.V.G.N matriculation.Higher Secondary.School

June 2014 - Apr. 2016

Graduted with 88.08 percentage

SKILLS

PROGRAMMING & TECHNOLOGY KNOWLEDGE:: Python, MachineLearning, NLP, PowerBI, DeepLearning, Excel

TOOLS:: PowerBI, JupyterNotebook, PostgreSQL, PythonIDE, MicrosoftExcel, Hadoop

PROJECTS

Bank Loan Prediction Using DecisionTree,RandomForest and Boosting Algorithms

Jan. 2022 - Jan. 2022

In the above mentioned project, before implementing algorithms, I did various preprocessing techniques such as Label Encoder, find outliers in salary columns and Oversampling techniques to increase minority variables in data. After these processes, I used the following five algorithms such as Decision tree, Random forest, Ada boost, Gradient boosting and Xgboost, where I got good accuracy in each algorithm, particularly in Random forest(89.5%) .

Marketing Campaign using Gradient Boosting

Jan. 2022 - Jan. 2022

In these project , i implemented data preprocessing technics before i implement the model in preprocessing, i did finding outliers in income section also in feature selection i use varaiance threshold for finding low variance feature, after these process i used gradient boosting algorithm i get good accuracy also i predict most of the values are actual predicted and expect predict is even.

Churn,Diabetes Classification using Supervised Machine Learning

Nov. 2021 - Dec. 2021

Its a different project,Both projects are comes under classification .In churn classification i used logisitic algorithm for classifing customer churn . In Diabetes classification i use SVM Classifier for classifing patient have Blood sugar level normal or not, also i used another algorithm is knn neighbours.

CERTIFICATION

Master in PowerBI Desktop and service in Udemy

Feb. 2021 - Mar. 2021

NLP in Python With Projects

Aug. 2021 - Aug. 2021

DataVisualization in Python MasterClass beginner to pro in udemy

Nov. 2020 - Feb. 2021