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Bangalore

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https://github.com/Hamdan-maker

MD Hamdan H
Data Scientist

SUMMARY

A passionate data scientist having knowledge in predictive modelling, data processing, and data mining algorithms to solve challenging business problems. Having One-year Experience in Python and knowledge of various types of machine learning techniques.

INTERNSHIPS

Data Science Intern
Flip Robo Technologies

Jun '21 - Dec '21
Bangalore

As a data scientist, Exploratory data Analysis, Data preprocessing and machine learning modelling

PROFESSIONAL EXPERIENCE

Test Engineering Associate
Fiserv India PVT LTD

Mar '20 - Present
Bangalore

Responsibility

Currently working on the role in software testing in banking application which handles debit card transactions and data infrastructure handling for the same to handle smooth in transactions flow for the same worked on waterfall and agile process in this role.

Associate Software Engineer
Accenture Solutions PVT LTD

Apr '16 - Jan '20
Bangalore

Worked on the role of software tester in banking application which handles debit card related stuffs where card details and new card can be created and maintained for the same worked on waterfall and agile process in this role.

EDUCATION

Bachelor of Engineering
Mazhar ul loom college

Jul '12 - May '15
Ambur, Tamil Nadu

Higher Secondary School
Mazhar ul loom higher secondary School

Apr '11 - May '12
Ambur, Tamil Nadu

PROJECTS

Project 1 : House Price Prediction.
In this project which is supervised regression problem in nature where A US-based housing company named Surprise Housing has decided to enter the Australian market. the company has collected a data set from the sale of houses in Australia. With this problem statement the different regression models were built along with EDA ,preprocessing and feature scaling for test and train data for the same. Tried using ridge, lasso, linear regression along with one tree-based algorithm random forest.

Project 2 : Micro Credit Loan Prediction.
In this project which is supervised classification problem in nature where
 Microfinance Institution (MFI) is an organization that offers financial services to low income populations with one such client that is in Telecom Industry. They are a fixed wireless telecommunications network provider. With this problem statement the different classification with EDA ,preprocessing and feature scaling for test and train data for the same. Tried using ridge, lasso and linear regression along with one tree-based algorithm random forest.

Project 3 : HR Analytics Attrition Prediction.
This is project which is supervised classification problem in nature where HR Analytics is done to predict the HR attrition is "Yes" or "No" Attrition in human resources refers to the gradual loss of employee's overtime. In general, relatively high attrition is problematic for companies. With this problem statement the different classification and Support vector Machine along with two tree-based algorithm random forest and Decision tree.

Project 4 : Loan Application Status.
This project which is supervised classification problem in nature where loan application is to predict the whether the application will be approved/rejected for requested loan. With this problem statement the different classification is
with EDA ,preprocessing and feature scaling for test and train data for the same. Tried using Logistic regression, KNN classifier, Support vector Machine along with one tree-based algorithm random forest and one boosting algorithm Ada Boost.

Fiserv India PVT LTD
projects working on:
Project 1 : Onboard sales prediction (POC)
Worked on the POC for this part of hackathon where we predict the sales of the customer for each banking products when they opt out with the specified user and this has been selected in the hackathon and currently in planning to build AI Application for the same.
Project 2 : Predicting Fraudulent transaction(POC)
Worked on the POC for this as part of hackathon where we predict the transaction is fraudulent or not using the production transaction data. Built Machine learning model and the accuracy of that model we 96% where this has been notified to stake holder and got appreciation and currently analyzing that IBM product can be dissolved and use this model instead.

TECHNICAL SKILLS

- Programming/Scripting language: Python
- Tools/IDE: PyCharm, Pyspyder, Jupyter Notebook ,Tableau
- Data Science: Web Scraping, Machine learning, Artificial Intelligence, Statistical modelling ,Natural language Processing, pandas, scikit-learn, matplotlib, seaborn, Data virtualization Analysis's and Microsoft Excel.
- Development Life   Cycle Process: Water fall and Agile

CERTIFICATIONS

- Advance AIML and DL Certification -Let's Upgrade
  (29th August 2020 – 12th April
  2021)
- Machine Learning Masters certification from iNeuron
  (August 2020 – May 2021)
- Business Analytics Masters certification from iNeuron
  (October 2020 – June 2021)
- Post Graduate Certification Program from Data trained
  (February 2021 – February
  2022)