Vaishnavi Kandukuri

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Summary

As a highly motivated and results-driven professional with over 2 years of experience , 1 year in software testing, and 1 year in data analysis, I am seeking for a challenging and dynamic role in the field of data science that leverages my skills and expertise in Power BI, Python, SQL and machine learning.

Education

2020
BACHELOR OF SCIENCE (9.0 CGPA)
(MATHEMATICS,STATISTICS, COMPUTER SCIENCE)

BHAVANS VIVEKANANDA COLLEGE

Expertise

Programming Language:
Python :

- Numpy
- Pandas
- Matplotlib
- Seaborn

Database:

- MYSQL

Experience

COGNIZANT TECHNOLOGY SOLUTIONS
2022 DEC-Present
PROGRAMMER:

"Revolutionizing Road Safety through Advanced Drive Safe Prediction Technology in the Automobile Industry"

Objective:
To determine the driving safety of individuals by predicting a binary outcome of 1 (safe driver) or 0 (needs review)

Approach :
A thorough data analysis and preprocessing was performed followed by balancing the target variable class through RandomOverSampler method. Utilizing multiple classification machine learning models, the Random Forest model was found to achieve an accuracy of 84% after hyperparameter tuning.

METLIFE INVESTMENT AND MANAGEMENT :
Key responsibilities :

PROGRAMMER: **2022 jan-2022 nov**

- To extract data from SQL Server
- Collaborated with cross- functional teams, stake holders to resolve data issues and improve data accuracy and quality
- Developed Power reports and dashboards from multiple data sources using data blending
- Developed and maintained power bi reports to monitor key performance indicators (KPIs) and track progress towards goals.
- Conducted data analysis and identified key trends , patterns, and opportunities for business growth.
- Utilized PowerPoint to effectively communicate findings and recommendations to senior management
- Contributed to the development of knowledge transfer documentation.
- Demonstrated leadership and project management skills to coordinate and oversee the successful completion of projects within deadline and budget constraints.
- Built and maintained positive relationships with clients through regular communication and consultation to ensure satisfaction and exceed expectations

Machine Learning :

- Linear Regression
- Logistic Regression
- Decision Trees
- Random Forest
- K Nearest Neighbors
- Support Vector Machine
- Naive Bayes
- K means

Other Skills:

- SDLC
- Statistical Analysis
- Power BI
- Data Analysis
- MS power point

Interests:

- Cooking
- DIY Art
- Volunteering and community involvement

METLIFE INVESTMENT AND MANAGEMENT :
Key responsibilities :
PROGRAMMER TRAINEE:

2020 DEC-2021 DEC

- Understanding the Requirements and Functional Specifications of the Project
- Requirement Analysis, Creating Test plans in Azure Devops for
- 2 different applications i.e. Vermilion and Mimbor, prepared Test scenarios and Testcases .
- Running jobs in IBM Work Scheduler
- Generating Reports from Vermilion application.
- Test Case Design and execution, Attach Evidence for the user stories in Azure Devops
- Created logs to document testing phase and defects
- Performed Regression, Sanity, Smoke testing and Retesting.
- Involved in Technical Discussions with Development Team, Team Lead and Project Manager to ensure the timely delivery of different milestones

Live Projects:

Project-Sales Orders Business Intelligence
Description -

The Sales Orders Project aims to create a Business Intelligence (BI) solution for the analysis and reporting of sales orders information. The project will involve the consolidation of sales order data from multiple sources and transforming it into a format that can be easily accessed and analyzed by business users. The BI solution will provide a unified view of all sales order information, offering valuable insights and enabling effective decision-making.

Project- Institute Planning Business Intelligence
Description -

The project involved the design of a Business Intelligence (BI) solution to assist an institute in planning and analyzing its data. The data was visualized in an intuitive and meaningful way to support the institute in making informed decisions. The BI report was designed to provide insights based on several dimensions such as country, institute, department, year, quarter, and qualification. The report aimed to provide the institute with an organized and comprehensive view of its data, allowing for efficient and effective planning and analysis.

"Predicting the Onset of Cardiovascular Disease: A Machine Learning Approach in Healthcare":

Objective :

The objective of this research is to build classifiers to predict whether a person has cardiovascular disease based on their medical test, age, and gender also to identify which test is more reliable in determining cardiovascular disease.

Approach :

Preprocessed and exploratory data analysis is performed to identify any patterns or anomalies in the data.
Applied classification ML models and got 87% accuracy for Decision Tree Machine Learning Model