Prathvi Saldhana

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SUMMARY

Recent Big Data Analytics Master's graduate with strong problem-solving and analytical skills. Eager to contribute innovative solutions in data analytics and actively participate in a dynamic organization's success.

TECHNICAL SKILLS

- Python, R
- SQL, MongoDB
- Tableau, Power BI
- Machine Learning
- MS Office

CERTIFICATION

- Predictive Modelling and Analytics-Regression provided by Great Learning Academy.
- Basics of Exploratory Data Analysis provided by Great Learning Academy.
- Hypothesis Testing provided by Great Learning Academy.
- Data Analysis with Python by IBM Developer Skills Network provided by Cognitive Class.
- Tableau for Beginners provided by Great Learning Academy.
- Data Science Foundations provided by Great Learning Academy.
- Data Visualization with Power BI provided by Great Learning Academy.

EDUCATION

Master of Science (Big Data Analytics)   August 2023
Institution: St Aloysius College (AIMIT), Mangalore.
Aggregate: 8.77 (CGPA)

Bachelor of Science (Computer Science, Statistics, Mathematics)   October 2021
Institution: St Aloysius College (Autonomous), Mangalore.
Aggregate: 77.05%

PUC   March 2018
Institution: St Agnes PU College (Autonomous), Mangalore.
Aggregate: 80.33%

SSLC   April 2016
Institution: St Ann's High School, Mangalore.
Aggregate: 82.24%

PROJECT ACCOMPLISHMENTS

Lung Cancer Prediction Using Machine Learning Algorithms
October 2022

This project includes various data pre-processing techniques. This study helps to know their cancer risk based on the attributes. After pre-processing the data, we used various graphical representation tools to understand each variable. We applied different machine learning algorithms to make predictions on whether a person would suffer from lung cancer.
Technologies used: Python, Flask

Sentiment Analysis on Customer Reviews of Apple Products
February 2023

The project includes data exploration, text-cleaning procedures, sentiment polarization, and the utilization of machine-learning models to predict customer sentiment based on reviews. This helps in understanding customer satisfaction and identifying areas for product improvement.
Technologies used: Python, Tableau

Anticipating Millet Yield Level Based On Climate And Soil Factors
July 2023

The project aims to determine Millet yield levels based on soil and climate factors. This project includes exploratory data analysis , data pre-processing, and implementing machine learning models to predict millet yield levels accurately.

EXTRA CURRICULAR ACTIVITIES

- Committee head for EPITOME 2022, a National Level IT Fest held at AIMIT, St Aloysius College, Mangalore.
- Participated in Hackathon – 2022 conducted by ALMASONS at AIMIT, St Aloysius College, Mangalore.
- Presented a research paper titled, "Comparative Analysis towards Prediction of Lung Cancer using Machine Learning Models" for SACAIM 2022, International Conference at St. Aloysius College (AIMIT), Mangalore.
- Participated at National Level one day Research capacity building FDP on a handshake with Data Analytics using JAMOVI at AIMIT, St. Aloysius College, Mangalore.

EXPERIENCE

Techtern Pvt. Ltd, Kannur
Data Analyst Intern, April 2023 – October 2023

- Performed exploratory data analysis on datasets to identify patterns and trends
- Created visualizations of data with Tableau
- Built machine learning models for classification and regression problems
- Built predictive models using machine learning algorithms such as logistic regression, decision tree, random forest
- Evaluated model performance metrics such as accuracy, precision, recall, and F1 score.

Codelab Systems, Mangalore
Data Science Intern, October 2022

- Performed exploratory data analysis on datasets
- Built machine learning models for classification and regression problems
- Evaluated model performance metrics such as accuracy, precision, recall and F1 score.

DECLARATION

I do hereby declare that all the above information provided by me is true and complete to the best of my knowledge.

PRATHVI SALDHANA