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EDUCATION

2019-2024

M.Sc. Data Science

PSG College of technology

7.94 CGPA

2019

XII (Higher secondary, State board)

SVMHSS, Udumalpet

88.10 %

2017

X (SSLC, State board)

SVMHSS, Udumalpet

97.00 %

SKILL SET

C++



Python



C



AREAS OF INTEREST

Supervised and Unsupervised
Learning

Database Management Systems

Data Structures

KRITHIKA V

M.Sc. Data Science

CAREER OBJECTIVE

To obtain a position as a student intern from May 2022 to November 2022.

NON- ACADEMIC PROJECTS

- [News Bilk](#), implemented in **Python**, detects fake news. It is featured using Supervised learning algorithms **Decision Tree**, **Logistic Regression** and **Random Forest**. It was found that Decision Tree yielded best results due to higher accuracy and F1 score.
- [COVID-19 The influencer](#), implemented in **Python**, visualizes COVID-19 break in India from January 2020 to July 2020. It features Geospatial analysis of COVID-19 data across various states using **Folium**, **GeoPandas** and **Geoplot** libraries provided by Python.

ACADEMIC PROJECTS

- [MapMe](#), implemented in **C++**, uses graph data structure to solve the shortest path, busiest intersection problem and finds places near the source and destination using **Dijkstra's algorithm**.
- [Sender's Spot](#), implemented in **Python**, uses **SMTP** and **MIME** to send mails. It is featured using **IMAP** to detect unread messages from the inbox. It further verifies the receiver's email address using **SMTP** and **DNS** libraries.
- [Spam Bash](#), implemented in **Python**, uses Supervised Learning algorithms like **SVM**, **Decision Tree**, **Logistic Regression** and **Bayesian Classifier** to classify mails as 'spam' or 'ham'. Among these algorithms Logistic Regression yielded best results due to higher accuracy and F1 score. It features security over machine learning algorithms using **SecML** library.
- [Hotelier](#), implemented in **MySQL**, **HTML** and **PHP** runs on the XAMPP server. It is operated by the hotel administrator who manages check in and check out of the customers room availability, admin and hotel details

EXTRA CURRICULAR ACTIVITIES

- **NSS** volunteer in PSG College of Technology.
- Active participant in **coding competitions**.
- Participant in school level **drawing** and **speech** competitions.