MACHINE LEARNING INTERNSHIP

PROJECT DETAILS

- For a Machine Learning internship, you will need to complete **any one project** at your convenience for successful completion of the internship.

- Maintain a separate Google Drive Folder / Github repository (name Afame Technologies for all the projects and share the link of the Drive folder / github repository in the project submission form. We will share project submission form within whatsapp group of your batch. **Whatsapp group link is available within mail body of offer letter.**

- You can refer to online resources such as Google Search and read tutorials and for any assistance during the project you can reachout to us at internship@afame.in

AFAME TECHNOLOGIES

Technology Advertising Consulting

- Total No. of projects: 04
- No of project to complete: 01
- Title of the project 01: Credit Card Fraud Detection
- Title of the project 02: Customer Churn Prediction
- Title of the project 03: Movie Genre Classification
- Title of the project 04: Spam SMS Detection

Benefits from this internship:

- Certificate of Internship
- Letter of Recommendation
- Job referrances in different companies
- Latest Machine Learning job opening information to our interns via dedicated whatsapp channel.

Click For All Datasets

CREDIT CARD FRAUD DETECTION

Dataset:
This is a simulated credit card transaction dataset containing legitimate and fraud transactions from the duration 1st Jan 2019 - 31st Dec 2020. It covers credit cards of 1000 customers doing transactions with a pool of 800 merchants.

Objective:
Build a model to detect fraudulent credit card transactions. Use a dataset containing information about credit card transactions, and experiment with algorithms like Logistic Regression, Decision Trees, or Random Forests to classify transactions as fraudulent or legitimate.

Click Here For Dataset

CUSTOMER CHURN PREDICTION

Dataset:
It is the dataset of a U.S. bank customer for getting the information that , this particular customer will leave bank or not.

Objective:
Develop a model to predict customer churn for a subscription- based service or business. Use historical customer data, including features like usage behavior and customer demographics, and try algorithms like Logistic Regression, Random Forests, or Gradient Boosting to predict churn.

Click Here For Dataset

MOVIE GENRE CLASSIFICATION

Dataset:
IMDb (an acronym for Internet Movie Database) is an online database of information related to films, television programs, home videos, video games, and streaming content online – including cast, production crew and personal biographies, plot summaries, trivia, ratings, and fan and critical reviews. An additional fan feature, message boards, was abandoned in February 2017. Originally a fan-operated website, the database is now owned and operated by IMDb.com, Inc., a subsidiary of Amazon. As of December 2020, IMDb has approximately 7.5 million titles (including episodes) and 10.4 million personalities in its database,[2] as well as 83 million registered users.
IMDb began as a movie database on the Usenet group "rec.arts.movies" in 1990 and moved to the web in 1993.

Objective:
Create a machine learning model that can predict the genre of a movie based on its plot summary or other textual information. You can use techniques like TF-IDF or word embeddings with classifiers such as Naive Bayes, Logistic Regression, or Support Vector
Machines.

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SPAM SMS DETECTION

Dataset:
The SMS Spam Collection is a set of SMS tagged messages that have been collected for SMS Spam research. It contains one set of SMS messages in English of 5,574 messages, tagged acording being ham (legitimate) or spam.

Objective:
Build an AI model that can classify SMS messages as spam or legitimate. Use techniques like TF-IDF or word embeddings with classifiers like Naive Bayes, Logistic Regression, or Support Vector Machines to identify spam messages

Click Here For Dataset