DATA SCIENCE INTERNSHIP

PROJECT DETAILS

- For a Data Science 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: 03
- No of project to complete: 01
- Title of the project 01: Movie Rating Prediction With Python
- Title of the project 02: IRIS Flower Classification
- Title of the project 03: Sales Prediction Using Python

Benefits from this internship:

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

Click For All Datasets

MOVIE RATING PREDICTION WTIH PYTHON

Dataset -

Every dataset has a story and this set is pulled from IMDb.com of all the Indian movies on the platform. Clean this data by removing missing values or adding average values this process will help to manipulate the data to help with your EDA.

Objective -

- Build a model that predicts the rating of a movie based on features like genre, director, and actors. You can use regression techniques to tackle this problem.
- The goal is to analyze historical movie data and develop a model that accurately estimates the rating given to a movie by users or critics.
- Movie Rating Prediction project enables you to explore data analysis, preprocessing, feature engineering, and machine learning modeling techniques. It provides insights into the factors that influence movie ratings and allows you to build a model that can estimate the ratings of movies accurately.

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IRIS FLOWER CLASSIFICATION

Dataset:-

The Iris flower data set is a multivariate data set introduced by the British statistician and biologist Ronald Fisher in his 1936 paper The Use of multiple measurements in Taxonomic Problems. It is sometimes called Anderson's Iris data set because Edgar Anderson collected the data to quantify the morphologic variation of Iris flowers of three related species. The data set consists of 50 samples from each of three species of Iris (Iris setosa, Iris virginica, and Iris versicolor). Four features were measured from each sample: the length and the width of the sepals and petals, in centimeters.

This dataset became a typical test case for many statistical classification techniques in machine learning such as support vector machines.

Objective:-

- The Iris flower dataset consists of three species: setosa, versicolor, and virginica. These species can be distinguished based on their measurements. Now, imagine that you have the measurements of Iris flowers categorized by their respective species.
- Your objective is to train a machine learning model that can learn from these measurements and accurately classify the Iris flowers into their respective species.
- Use the Iris dataset to develop a model that can classify iris flowers into different species based on their sepal and petal measurements. This dataset is widely used for introductory classification tasks.

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SALES PREDICTION USING PYTHON

Objective:-

- Sales prediction involves forecasting the amount of a product that customers will purchase, taking into account various factors such as advertising expenditure, target audience segmentation, and advertising platform selection.
- In businesses that offer products or services, the role of a Data Scientist is crucial for predicting future sales. They utilize machine learning techniques in Python to analyze and interpret data, allowing them to make informed decisions regarding advertising costs. By leveraging these predictions, businesses can optimize their advertising strategies and maximize sales potential.

Click Here For Dataset