PROJECT DOCUMENTATION

CODECLAUSE INTERNSHIP

Project ID - #CC69849
Project Title - Analyze sentiment in movie reviews
Internship Domain - Data Science Intern
Project Level - Entry Level
Assigned By- CodeClause Internship
Assigned To- Preet Jitendra Jain

Start Date - 01 May 2024	**End Date -** 31 May 2024

Project Details-

Aim -

Apply K-Means clustering to segment customers based on their purchase behavior.

Description-

Use Natural Language Processing (NLP) techniques to preprocess text data and build a sentiment analysis model.

Technologies-

Python, Pandas, NLTK or SpaCy.
You can use other technologies that you know.

What You Learn-

Text preprocessing, feature engineering, and sentiment analysis.

Project ID - #CC69848
Project Title - Movie Genre Prediction
Internship Domain - Data Science Intern
Project Level - Intermediate Level
Assigned By- CodeClause Internship
Assigned To- Preet Jitendra Jain

Start Date - 01 May 2024	**End Date -** 31 May 2024

Project Details-

Aim -

Predict the genre of a movie based on its plot summary and other features.

Description-

Use natural language processing (NLP) techniques for text classification on a movie dataset.

Technologies-

Python, NLTK or SpaCy, Scikit-learn.
You can use other technologies that you know.

What You Learn-

Text classification with NLP.

Project ID - #CC69847
Project Title - Customer Segmentation Tool
Internship Domain - Data Science Intern
Project Level - Golden Level
Assigned By- CodeClause Internship
Assigned To- Preet Jitendra Jain

Start Date - 01 May 2024	**End Date -** 31 May 2024

Project Details-

Aim -

Develop a UI for users to input customer data. Use clustering algorithms to segment customers based on behavior.

Description-

Design a UI for customer data input and apply clustering (e.g., K-Means) to categorize customers.

Technologies-

Python, Flask or Streamlit for UI, Scikit-Learn for machine learning
You can use other technologies that you know.

What You Learn-

UI for customer data input, clustering techniques, customer segmentation.

Project ID - #CC69846
Project Title - Heart Disease Risk Assessment
Internship Domain - Data Science Intern
Project Level - Golden Level
Assigned By- CodeClause Internship
Assigned To- Preet Jitendra Jain

Start Date - 01 May 2024	**End Date -** 31 May 2024

Project Details-

Aim -

Build a UI allowing users to input health metrics. Develop a machine learning model to predict the risk of heart disease.

Description-

Create a user-friendly interface for inputting health data and implement a model (e.g., Random Forest) for risk assessment.

Technologies-

Python, Flask or Streamlit for UI, Scikit-Learn for machine learning
You can use other technologies that you know.

What You Learn-

UI design for health applications, cardiovascular risk factors, classification

Instructions-

1. There are no technology restrictions for project development. You are free to use any technology you are familiar with..

2. Ensure timely submission of projects before the deadlines.

3. There are no restrictions on completing entry-level and intermediate projects. Collab or Jupyter files are accepted.

4. Avoid copying and pasting code. Be original in your submissions.

5. Upon completion, submit your all projects on app.internship.codeclause.com.

Eligibility Criteria:

1. Completion of one project makes you eligible for a certificate.

2. Completion of two projects (entry-level and intermediate) qualifies you for a certificate and Letter of Recommendation (LoR).

3. Completion of two projects (entry-level and intermediate) with one golden project makes you eligible for swags verification.

4. It only eligibles to you for swags verification it doesn't means that you are eligible for swags.

5. There are two golden projects you need to do any of them.

6. There is not technology restrictions for projects.

7. If project found copied then you are eligible for swgas.

8. If golden project needs to be dynamic and proper working.

9. Console based, Collab files, Jupyter files projects are not eligible for swags. Proper Ui is required to eligible for swags.

10. Needs to post video of demo of golden project on LinkedIn and it should includes only the output of project no need to share the code.