

CVIP Task / Project List & Rules



Phase 1 Project List

Phase 1 Projects
Domain : Data Science Intern
Normal Task
1. Exploratory Data Analysis - Terrorism
Golden Task
2. Breast Cancer Prediction

Dataset : [www.Kaggle.com](https://www.kaggle.com) (Obtain from this website)

Problem Statement

1. Exploratory Data Analysis - Terrorism

The goal of this project is to perform Exploratory Data Analysis (EDA) on the terrorism dataset to extract meaningful insights and patterns. By analyzing the dataset, we aim to uncover trends, identify high-risk regions, understand attack characteristics, and potentially reveal factors that contribute to terrorist activities.

2. Breast Cancer Prediction

The objective of this project is to create a predictive model that can accurately classify breast cancer cases as benign or malignant based on a set of relevant features. By leveraging historical data and applying machine learning techniques, we aim to develop a reliable tool for assisting medical professionals in diagnosing breast cancer.

Phase 2 Project list

Phase 2 Projects
Domain : Data Science Intern
Normal Task
3. Email Spam Detection
Golden Task
4. Speech Emotion Recognition

Dataset : www.kaggle.com (Obtain from this website)

Problem Statement

3. Email Spam Detection

The goal of this project is to develop a robust email spam detection system using machine learning techniques. By analyzing the content and characteristics of emails, the system should be able to accurately classify incoming emails as either spam or legitimate (ham).

4. Speech Emotion Recognition

The objective of this project is to develop a robust speech emotion recognition system capable of accurately classifying the emotional states conveyed in spoken language. By analyzing the acoustic features of speech signals, the system should be able to categorize emotions such as happiness, sadness, anger, fear, and more.

Additional Project list

Not Mandatory*

Additional Projects	
Domain : Data Science Intern	
Normal Task	
5. Mobile Price Prediction	
Golden Task	
6. Image Caption Generator	

Problem Statement

5. Mobile Price Prediction

The objective of this project is to develop a mobile price prediction model that can estimate the price of a mobile phone given its specifications. By analyzing key features such as RAM, camera quality, battery capacity, and brand, the model aims to provide accurate price estimates for mobile phones.

6. Image Caption Generator

The goal of this project is to develop an image caption generator that can generate meaningful captions for given images. By analyzing the visual content of an image, the model should be able to generate descriptive and contextually relevant captions.

CVIP Project Rules

- Maintain a separate GitHub Repository (CVIP #Domain Name)
- Upload all project source code to that Repository
- Upload the Task Videos to LinkedIn and Tag @CodersCave
- Update your LinkedIn Experience for your LinkedIn Profile growth
- Complete atleast one task from each phase 1 & phase 2 projects to get eligible to apply for certification
- Complete all the given tasks in phase 1 & phase 2 projects to get eligible for Letter of Recommendation.
- If we discover that your code contains plagiarism, we will fire you by way of the internship.
- Inactiveness during your tenure will led to terminate from internship.



**Thank You
Hustlers..!**