



Data Analysis Tasks

Note :-

- Share the offer letter on linkedin, Make sure you have used **@indolike**
- Upload a **video recording** to LinkedIn while working on your project.
- Upload all project files to **GitHub**.

Complete any 2

1. Customer Segmentation

Task: Perform customer segmentation using clustering techniques (e.g., K-Means) on a retail dataset.

Dataset:

<https://www.kaggle.com/datasets/lakshmi25npathi/online-retail-dataset>

2. Predicting Housing Prices

Task: Build a predictive model to forecast housing prices based on features like location, size, and age.

Dataset:

<https://www.kaggle.com/code/prasadperera/the-boston-housing-dataset>

3. Sentiment Analysis

Task: Conduct sentiment analysis on customer reviews to determine the overall sentiment (positive, negative, neutral).

Dataset:

<https://www.kaggle.com/datasets/saurav9786/amazon-product-reviews>

4. Sales Trend Analysis

Task: Analyze sales data to identify trends, seasonal patterns, and anomalies.

Dataset:

<https://www.kaggle.com/datasets/vivek468/superstore-dataset-final>

5. Social Media Engagement Analysis

Task: Analyze a social media dataset to determine factors that increase user engagement.

Dataset:

<https://www.kaggle.com/datasets/jp797498e/twitter-entity-sentiment-analysis>

6. Climate Change Trends

Task: Analyze climate data to identify patterns and correlations related to temperature changes over time.

Dataset:

<https://www.kaggle.com/datasets/berkeleyearth/climate-change-earth-surface-temperature-data>