

Internship project

Section 1 :

The export data for a company has been provided. using the 'Insights' dataset implement the following.

- 1) Predict the most profitable product that the company must keep manufacturing.
- 2) Use Logistic regression to determine whether Hamburg is a good destination for exporting more than 100 units of any products.
- 3) Implement linear regression for 'Quantity' vs 'Unit rate in FC '. Analyze this model for overfitting and implement a solution using Ridge regression.
- 4) Classify the data given into 5 clusters. Analyze and determine the best attribute that can be used for clustering in the given dataset.

Section 2 :

Implement any application of your choice using the OPEN CV library for image processing.

Section 3:

Build any suitable application using the libraries available in OPENAI