Project proposal.

Online Stores

This is proposed as a requirement of T5 Bootcamb.

Introduction:

In order to increase the demand for online stores, the merchant needs to meet the needs of the customer, so the study aims conclude the most common orders and the probability of what the customer will buy next time.

Data Set description:

To achieve the goal of this study the dataset **Online Retail Store** will be used. This dataset can be found at [Kaggle](#).

This dataset contains the follwing :

InvoiceNo

StockCode

Description=Prodect

QuantityOfProdect

InVoiceDate

CustomerID

The dataset is available as the `.csv` file. a sample of data is shown in the following table:

	InvoiceNo	StockCode	Description	Quantity	InvoiceDate	UnitPrice	CustomerID	Country
0	536365	85123A	WHITE HANGING HEART T-LIGHT HOLDER	6	01-12-2010 08:26	2.55	17850.0	United Kingdom

Features such as Description, which contained the name of prodect , InVoiceDate which included the date of order, and Quantity are used to identify the most important features for this study.

Tools:

There are different tools we would work with as Machin Learning:

- Jupyter
- notebook
- Pandas
- numpy
- Matplotlib

To Do:

Explore the data and use a model to fit the data.

NOTE: the used features may be increased or changed and the model as well.