Python Programming Lab CA2

MSc SS 2nd semester

1. Write a Python program to read the train.csv uploaded and do the below operations.

* Display the customers whose warehouse block is F.
* Display the number of customers whose Customer-rating is the highest (Best).
* Display the percentage of male customers and female customers.
* Out of all the customers, give the ratio of customers whose products have reached on time.
* For all the customers , display the cost of the product and the discounted price (Cost\_of\_the\_Product - Discount\_offered).

The csv file contains information like:

* ID: ID Number of Customers
* Warehouse block: The Company have big Warehouse which is divided in to block such as A,B,C,D,F.
* Mode of Shipment: The Company Ships the products in multiple way such as Ship, Flight and Road.
* Customer\_care\_calls: The number of calls made from enquiry for enquiry of the shipment.
* Customer\_rating: The company has rated from every customer. 1 is the lowest (Worst), 5 is the highest (Best)
* Cost\_of\_the\_Product: Cost of the Product in US Dollars.
* Prior\_purchases: The Number of Prior Purchase.
* Product\_importance: The company has categorized the product in the various parameter such as low, medium, high.
* Gender: Male and Female.
* Discount\_offered: Discount offered on that specific product.
* Weight\_in\_gms: It is the weight in grams.
* Reached.on.Time\_Y.N: It is the target variable, where 1 Indicates that the product has NOT reached on time and 0 indicates it has reached on time.