**Machine Learning Project Proposal**

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**Section: V1**

I’m choosing E-Commerce Shipping Data. I download from Kaggle. It has 11,000 instance. Basically, It will do Product Shipment Delivered on time or not? To Meet E-Commerce Customer Demand.

1. Purpose:

An international e-commerce company based wants to discover key insights from their customer database. They want to use some of the most advanced machine learning techniques to study their customers. The company sells electronic products. It is a Classification Problem

1. Content:

It has 12 Attributes:

1) ID: ID Number of Customers.

2) Warehouse block: The Company have big Warehouse which is divided in to block such as A,B,C,D,E.

3) Mode of shipment: The Company Ships the products in multiple way such as Ship, Flight and Road.

4) Customer care calls: The number of calls made from enquiry for enquiry of the shipment.

5) Customer rating: The company has rated from every customer. 1 is the lowest (Worst), 5 is the highest (Best).

6) Cost of the product: Cost of the Product in US Dollars.

7) Prior purchases: The Number of Prior Purchase.

8) Product importance: The company has categorized the product in the various parameter such as low, medium, high.

9) Gender: Male and Female.

10) Discount offered: Discount offered on that specific product.

11) Weight in gms: It is the weight in grams.

12) Reached on time: It is the target variable, where 1 Indicates that the product has NOT reached on time and 0 indicates it has reached on time.

Reached on time is a class variable.