

# DOCUMENT SUBMISSION

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## **PRODUCT DEMAND PREDICTION WITH MACHINE LEARNING**

### **PHASE 2 : INNOVATION**

#### **PHASE 1 :**

##### ***RECAP :***

We already fetched the data from various environment and customer's feedback. We cleansed the data which is necessary and unnecessary. And we stored the data in a database to retrieve them in particular time to reduce the demand in product.

#### **PHASE 2 :**

##### ***INNOVATION :***

- ✓ By using the machine learning techniques, we are going to retrieve the data from database and provide the required data for the company to satisfy their customers and also to increase their profit rate.
- ✓ Some of the models that are used to retrieve data from database are REGRESSION MODEL, NATURAL LANGUAGE PROCESSING MODEL, etc, . But at present we are not clear about the model that we going to use in this project.
- ✓ We show the product details like price, overall sales percentage, product demand, customer requirements about the product, peak sales time of the product etc, .
- ✓ As a result, businesses can optimize inventory management, streamline supply chains, and cater to customer demands proactively, ushering in a new era of data-driven decision-making and customer satisfaction.

**THANK YOU**