

PROBLEM STATEMENT

CONSUMER PROBLEM STATEMENT

1. OVER STOCKING - Keeping too much stock on hand can be as problematic as having too little. Overstock impacts business cash flow and leads to inventory-related problems, such as storage and loss.
2. INSUFFICIENT ORDER MANAGEMENT - One of the most common challenges to sound inventory management is preventing the overselling of products and running out of inventory.
3. INCONSISTENCY OF DEMAND – The demand of product is not stable and it varies because of different
4. CUSTOMER SATISFACTION – Can't able to deliver the product to the customer in a disclosed time and also not able to satisfy the customer demand.
5. PROPER COMMUNICATION – There is a lack of communication regarding the stock details to the inventory management and to the production unit.

Retail store stock inventory analytics is implemented to analyze the historical sales data of a Brazilian top retailer. By deeply understanding the dataset, identifying pattern, relationships and connection using IBM cognos analytics and building visualizations of stock inventory to create meaningful dashboards. The final dynamic dashboard helps retailers by providing detailed product listing, easy categorization, inventory reports, satisfying customer needs and meet variation in product demand.

