

# RETAIL STORE STOCK INVENTORY ANALYTICS

## PROBLEM STATEMENT

Date	24 September 2022
Team ID	PNT2022TMID50994
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

**AIM:**

To create and maintain the inventory of a Brazilian top retailer and analyze the sales at maximum profits with the help of dynamic interfaces.

**PROBLEM STATEMENT:**

Retail store stock inventory analytics is implemented to analyze the dataset which contains the historical sales data of a Brazilian top retailer. The main problem arises in these analytics is how much inventory should be considered. Enormous amount of inventory leads to capital and operational cost. Lack of inventory analysis leads to loss of sales that cause customer dissatisfaction and brand damaging.

By keenly understanding the dataset, identifying the pattern through the fundamental concepts, by working with IBM Cognos Analytics that leads to the visualizations of inventory historical data to create meaningful dashboards. Thus, the final dynamic dashboard helps the retailers that meet better customer service by providing improved visibility and accurate data for all products.

**CUSTOMER PROBLEM STATEMENT TEMPLATE:**

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

## PROBLEM STATEMENT TEMPLATES:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Local Broker	To supply goods to local area shops	I am unable to satisfy the wide needs	Due to the sudden change in demands of goods from the customers and insufficient storage capacity	hopeless
PS-2	A beginner trade	Sell/buy stocks on my phone	It leads to losses	Due to insufficient knowledge on how stocks move over years based on previous data's.	depressed

## **TEAM LEAD**

R Ajitha

## **TEAM MEMBERS**

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