PREPARATION PHASE

PROJECT OBJECTIVE

Team ID	PNT2022TMID18287
Project Name	Retail Store Stock Inventory Analytics

Retail Store Stock Inventory analytics is basically used to maintain the inventory. The biggest FAQ's of a retailer are "How much amount of inventory should they carry", because this involves Capital and Operational costs. Lack of these costs will lead into the complex problem of making loss of costs, damaged brand which makes the Customer unhappy. Forecasting intermediate inventory and tracking is a complex problem to be solved because the stock rotation depends seasonally .

By the end of this Project,the fundamental concepts will be known and can work on IBM Cognos Analytics. Gain a broad understanding of plotting different visualization to provide suitable solution.Ability to create meaningful Visualization, Dashboard(s), Data processing, Data Predicition, etc.

Primary objective:

- Identifying Consumer Demands
- Management of Merchandise
- Convenience of timing.
- Automation of Real-time dashboard.
- Predication based on sales history of seasonal on-demands.
- Automatically determine the goods and service taxes like GSTs etc.
- Discount Prediction Sytem creation.
- Periodic generation of inventory reports
- Creation unique barcodes for the products to enhance the billing process.
- Instant invoice generation for the purchase