Problem Statement: Retail store stock inventory analytics

Description:- Retail store stock inventory analytics means analysing and preparing a complete detailed inventory management . the problem statements are bulk buying and selling , Product stagging in inventory,wrong forcasting leading to over buying,unreliable and irregular supplies . These problems can be overcomed by inventory management.

Attribute Information:

Given is the Check The Stock,ProductListing,InventoryReports,Bulk Add &bulkEdit, BarcodeGeneration &Scanning,EasyCategorisation,CenteralisedDashboard,smooth stock rotation.

Name / Description

1)Check the stock : Here we check the type of stock
2)Product Listing : Here we list the product
3)Inventory Reports : Reports on the inventory
4)Bulk Add &bulk Edit: Mass buy management
5)Barcode Generation & Scanning : Here each stock has a unique barcode
6)Easy Categorization : Listing the stocks based on category
7)Centralised Dashboard: The dashboard is centralised
8)smooth stock rotation: The stock rotation is managed

Building a Regression Model

1. Download the dataset: Dataset
2. Load the dataset into the tool.
3. Perform Below Visualizations.
· Univariate Analysis
· Bi-Variate Analysis
· Multi-Variate Analysis
4. Perform descriptive statistics on the dataset.
5. Check for Missing values and deal with them.
6. Find the outliers and replace them outliers.
7. Check for Categorical columns and perform encoding.
8. Split the data into dependent and independent variables.
9. Scale the independent variables.
10. Split the data into training and testing.
11. Build the Model.
12. Train the Model.
13. Test the Model.