GLOBAL SALES DATA ANALYTICS

EXISTING SYSTEM

Existing system involves manual data consolidation based on category, products etc on the raw data. Insights are inferred based on this data consolidation and comparing manually the data of previous year

Limitations of Existing System

- The data analysis done manually.
- It involves serious work and prone to error.
- The work is based on data, so large data set takes more time.

PROPOSED SYSTEM

- We are performing data analysis using distributed applications and concepts.
- This is programmatic approach and involves less work.
- It is less prone to error compared to manual work.
- Dataset size would not affect this process.

Advantages of Proposed System

- User friendly website with so much engagement and interaction between the user and the seller as well as the admin
- This leads to more organizations
- Products can be ordered and supplied according to users view and perspective
- A unique idea of exoctic dashboard
- Customer Satisfaction.

PROJECT FLOW

First we get the data of all the sales records form different customers and organization. From those records we classify the sales based on the products sold. The main objective of this project is to record the sales and analyze them for the further process of sales.

Data Preparation

First of all prepare the data from the different sectors with necessary details to proceed for the processing and visualization. Then we need the details of the customers with their current order date & location.

Upload Data

The Data which has been prepared is been uploaded for the visualization part and we can also delete the unwanted data

Data Processing

Data processing is done by using Hadoop, it is an open-source software framework for storing data and running applications on clusters of commodity hardware. It provides massive storage for any kind of data, enormous processing power and the ability to handle virtually limitless concurrent tasks or jobs.

Visualization

The Data which has been processed is now visualized with the help of Google Charts, which is an open source web service for creating variety of charts using Javascript.

LANGUAGE SPECIFICATION

Hyper Text Markup Language (HTML)

HTML, or HyperText Markup Language, allows web users to create and structure sections, paragraphs, and links using elements, tags, and attributes. However, it's worth noting that HTML is not considered a programming language as it can't create dynamic functionality.

Cascading Style Sheet (CSS)

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL. CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.