

SUPPLY CHAIN MANAGEMENT

over view of the project: In today's competitive market landscape, efficient Supply Chain Management (SCM) is vital for organizations to maintain a competitive edge. This project aims to optimize SCM processes to enhance efficiency, reduce costs, and improve overall customer satisfaction.

PURPOSE: certainly! The purpose of a project in Supply Chain Management (SCM) can vary based on the specific needs and goals of the organization. Here's a breakdown of potential purposes:

1. **Improving Efficiency:** One of the primary purposes of an SCM project could be to enhance the efficiency of supply chain processes. This might involve reducing lead times, optimizing inventory levels, or streamlining distribution channels to minimize costs and maximize throughput.

TECHNICAL ARCHITECTURE:

data source
data integration layer
data storage and management
analytics and processing layer
collaboration and integration

DEFINE PROBLEM Specify The Business Problem

This project aims to revolutionize supply chain management through data-driven insights using Qlik. Leveraging advanced analytics, it seeks to optimize logistics, forecasting, and inventory management, enhancing operational efficiency and responsiveness.

This transformative project endeavors to reshape the landscape of supply chain management by harnessing the power of Qlik's data-driven insights. Employing cutting-edge analytics, it strives to revolutionize key facets such as logistics, forecasting, and inventory management, with the overarching goal of elevating operational efficiency and responsiveness to new heights.

BUSINESS REQUIREMENTS: in Supply Chain Management (SCM) typically revolve around ensuring that the supply chain functions effectively to meet the needs of the business. Here's a breakdown of common business requirements data set has the mandatory of the project file

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then which countries has the highest population of the country and data using the process of on Supply Chain Management (SCM) involves reviewing existing research, publications, and academic papers to understand the current state of knowledge, trends, and emerging topics in the field. Here's how you might structure a literature survey on SCM the main concept of the survey they have more education are their of the society can understand the mail process . Iliterature survey is very imp of the supply chain management they have using the literature survey of the supply chain management.

- ☐ **BUSINESS IMPACT** :and telecom sectors they have using the also telecome they can use the data of the visuvalaization and dash bord settings to the data

SOCIAL IMPACT: create vizuvalaization to show the supply chain management to the others this very easy to understand the problem to the others so social impact is most important of the social impact.

DATA PREPARATION

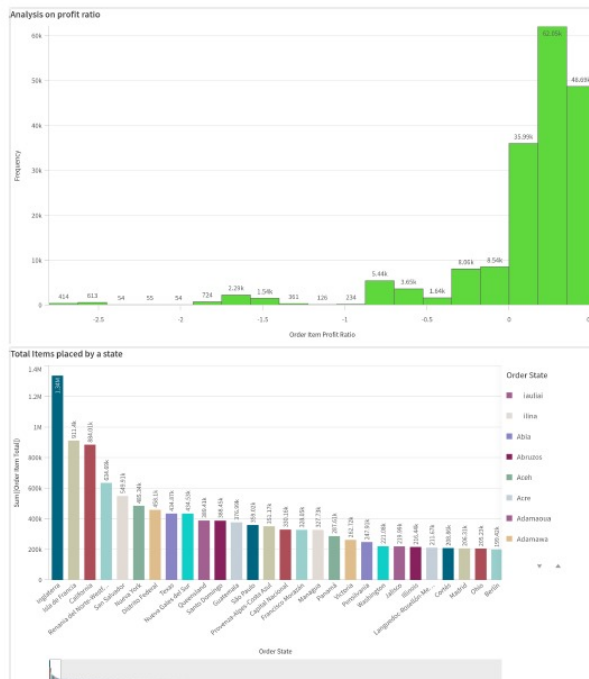
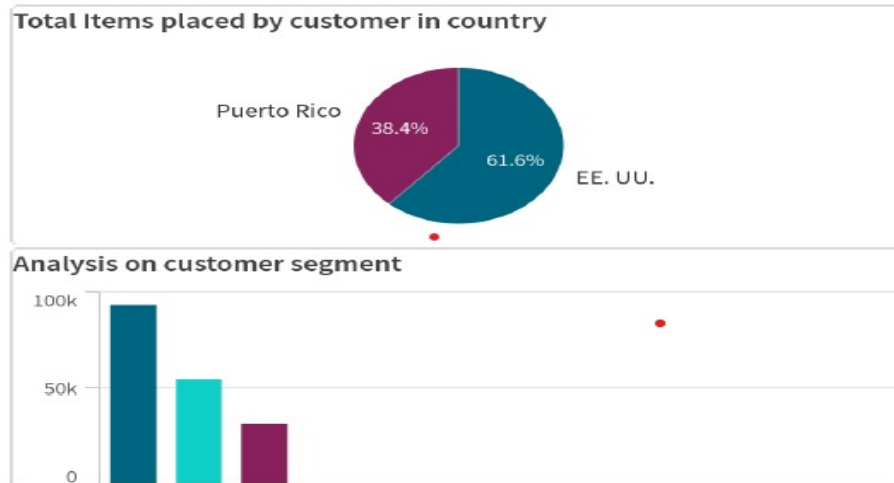
PREPARE THE DATA FOR VISUVALIZATION: preparig the data and cleaning visuvalaization and remove the un wanted data they can explore the remaing all data. then perform the visuvalization part data can be converted in to the visuvalization part they can understand easily to the effictively of the data preparation of them.

DATA VISUVALAIZATION: the data visuvalaization can be process of understand the data from other. they can be watch in the dash bord, story telling , visuvalization. to understand the data to the purpose of the others

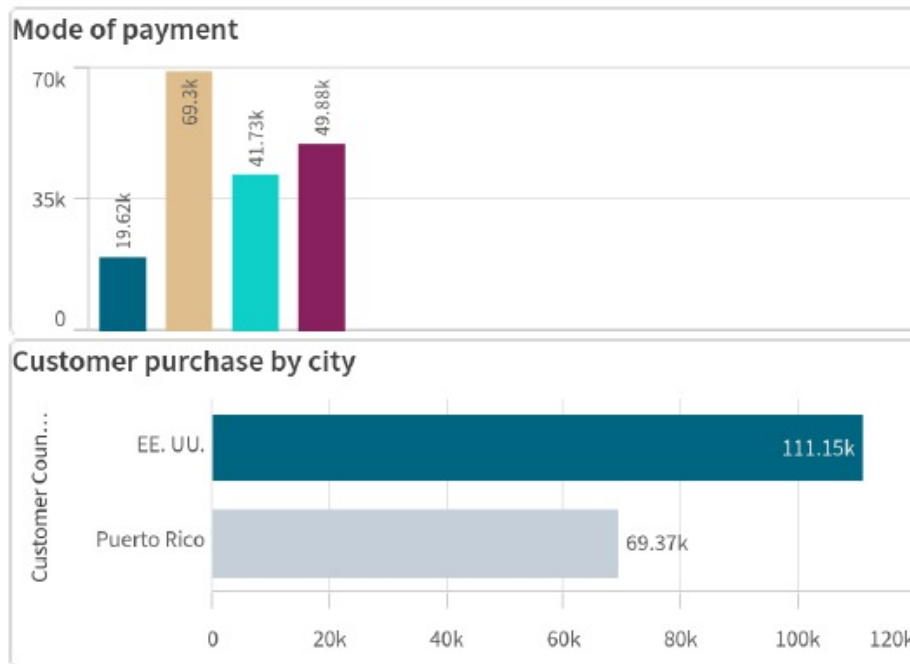
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5. Data Visualizations

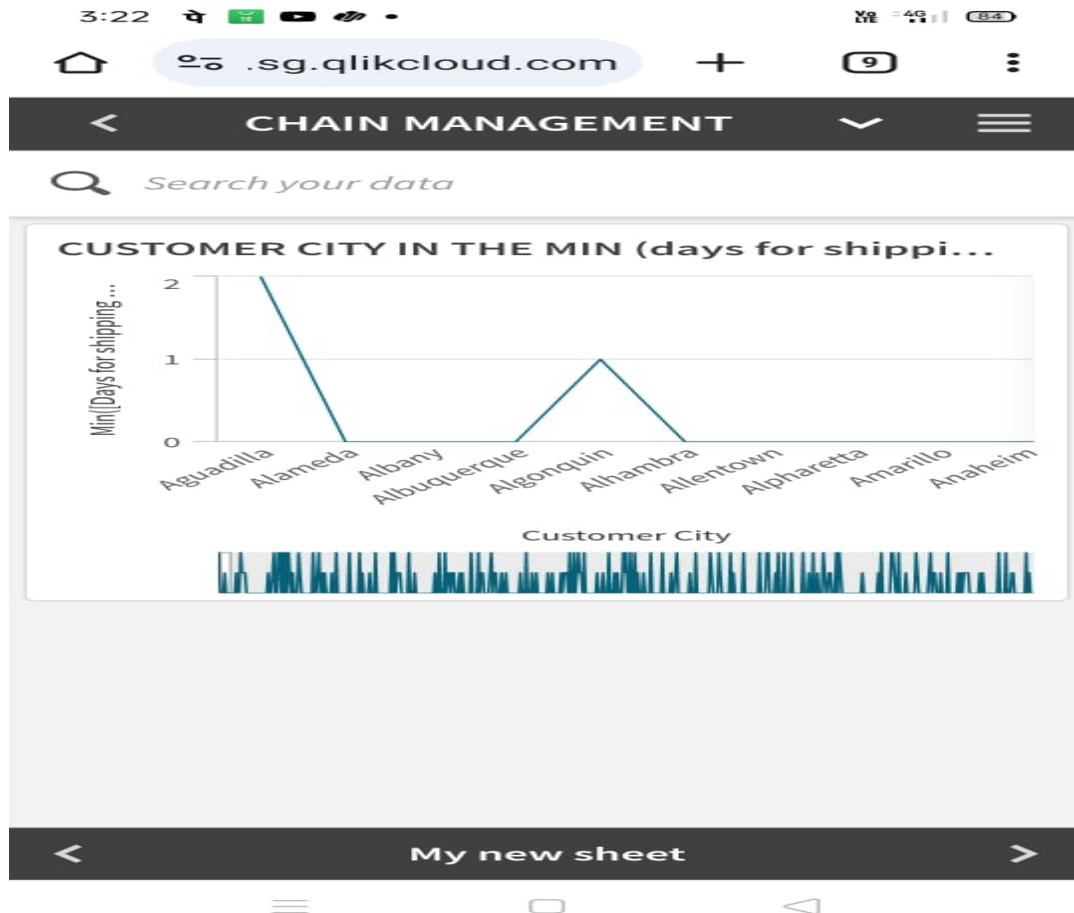
5.1 Visualizations:



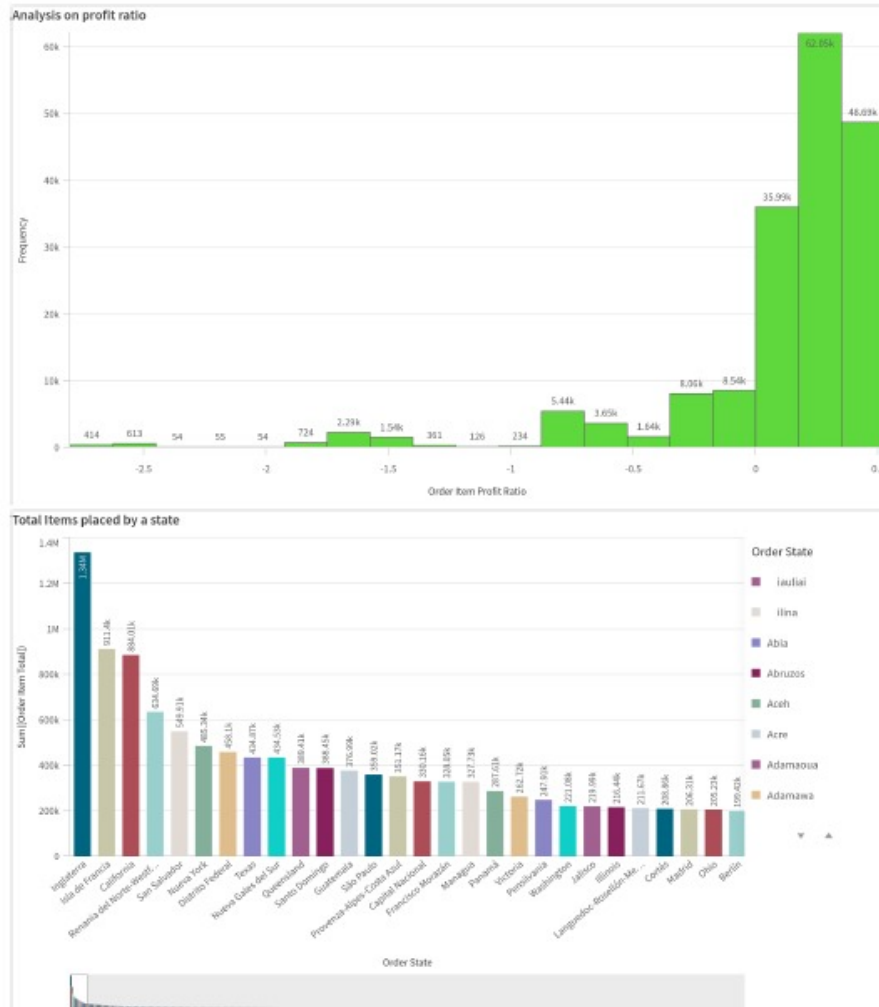
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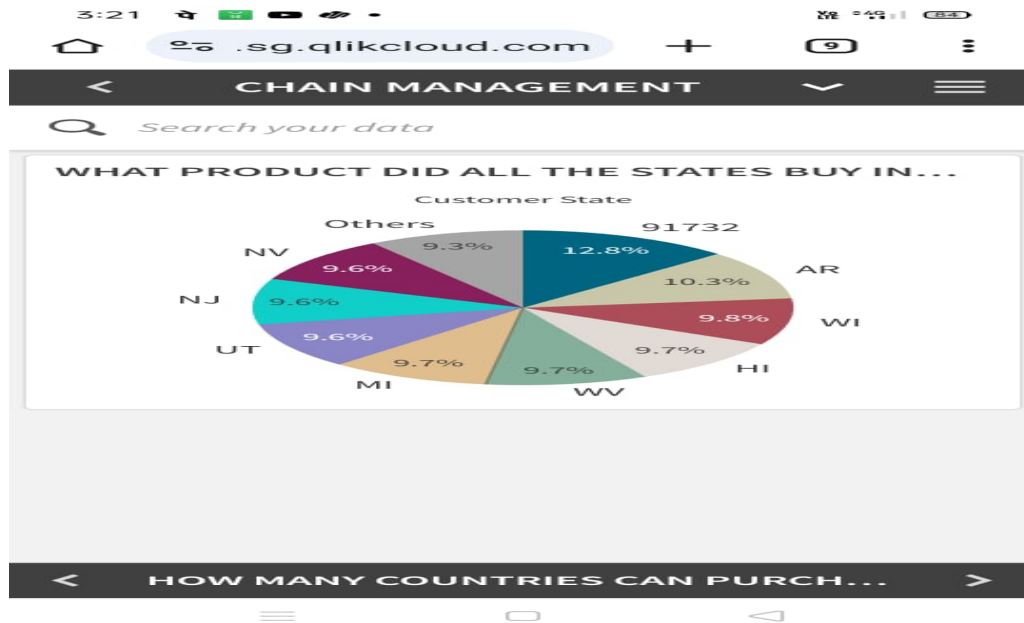
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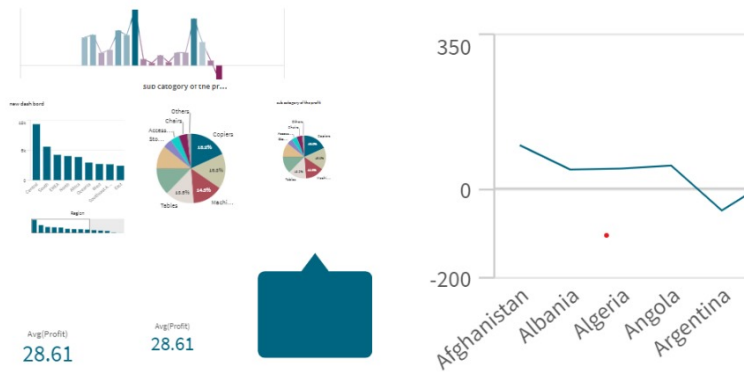
DASH BORD: the dash bord can be represented has the formation of the intreface and explain about the dash bord and visuvalization and story telling they can be interface of oursystem real time monetaring and analysis of the system they can easily one main choice understand the easily to the others they can used the manfactring and other industries they can be easily and effectively toEASILY UNDER STAND



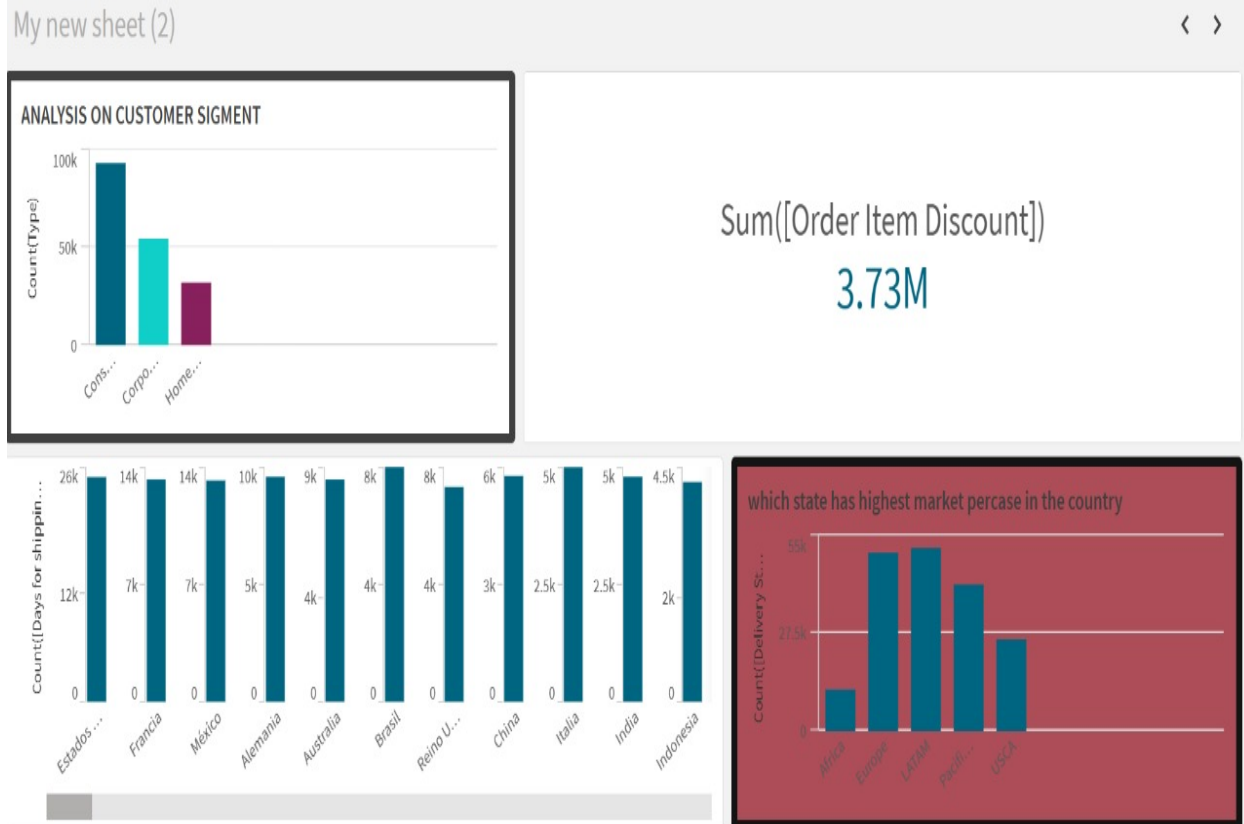
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My new story

story telling the section



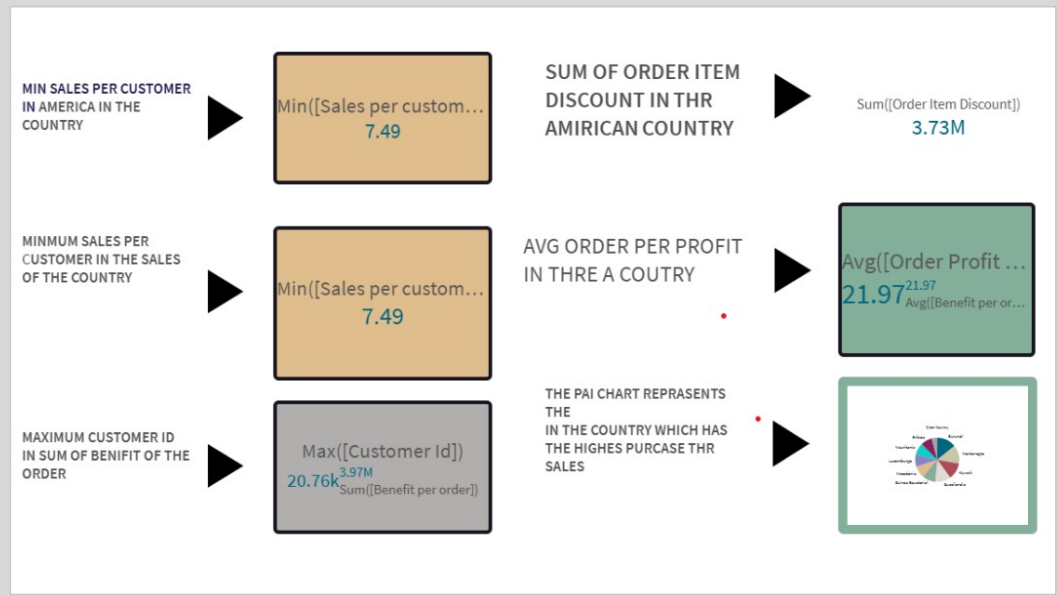
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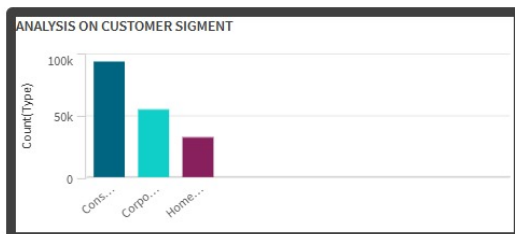
STORY TELLING PART: the story telling part can understand easily to the others that means that means what we can understand the easily to the others they can make to visuvalization to can forming to change the data storying can be used as the verifying the system can explain the median to understand the concept easily and effectively. they such as the telling the watching the more information can be solved they can easily understand the data to the others they have some many laungage to mention to other in the story explains supply chain manager at globe goods. here are the key elements are using of the supply chain management to the others they can easily understand to the saving the net work issue system.

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ly new story

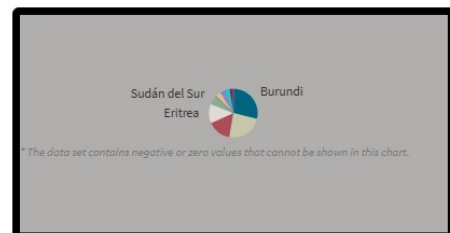


SUPPLY CHAIN MANAGEMENT ANALYSIS OF STORY



ANALYSIS ON THE CUSTOMER SIGMENT OF THE DATA

THE SALES WHICH AS THE THE PAI CHART REPRESENTS THE NO OF COUNTRIES WHICH AS THE HIGHEST SALES OF THE PURCHASE OF THE GOODS



UNDER STAND THE DATA: The term "data SCM" typically refers to "Data Supply Chain Management." Similar to traditional supply chain management, data SCM involves the processes and systems used to manage the flow of data from its origin to its final use. Here's a breakdown to help understand it:

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Key Components of Data Supply Chain Management (Data SCM)

1. Data Sources:

- **Internal Sources:** Data generated within the organization (e.g., CRM systems, ERP systems, internal databases).
- **External Sources:** Data obtained from external entities (e.g., social media, third-party data providers, public datasets).

2. Data Collection:

- Gathering data from various sources.
- Ensuring data is collected in a consistent and systematic manner

NO OF VISUVALIZATION OF THE GRAPS: Visualizing data is a crucial aspect of Data Supply Chain Management (Data SCM) as it helps in interpreting and communicating data insights effectively. Various types of visualizations can be used depending on the data and the insights you aim to convey. Here are some common types of visualizations along with examples of their use cases:

1. Bar Charts

- **Use Case:** Comparing quantities across different categories.
- **Example:** Sales performance of different product categories.

2. Line Charts

- **Use Case:** Showing trends over time.
- **Example:** Monthly revenue growth over the past year.
- mode of payment
- customer purchase by city
- delivery status by order

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- analysis of profit ratio
- market analysis
- analysis on order regin

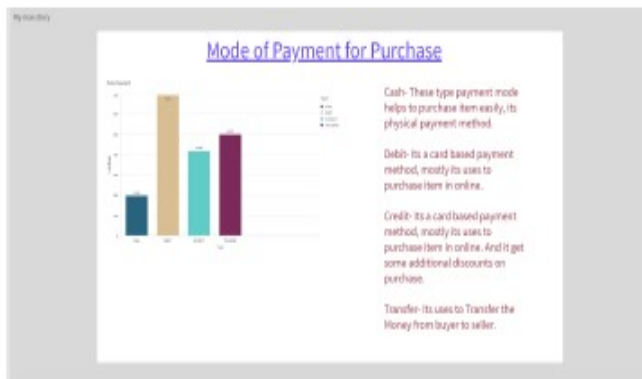
LITERATURE SURVEY: A literature survey on Supply Chain Management (SCM) involves reviewing academic papers, industry reports, books, and other relevant sources to understand the evolution, current trends, methodologies, and challenges in the field. Here's a structured overview of key themes and developments in SCM based on a literature survey:

1. Introduction to Supply Chain Management (SCM)

- **Definition and Scope:** SCM involves the management of the flow of goods and services, including all processes that transform raw materials into final products.

UTILIZING FOR THE FILTER: Supplier Selection and Evaluation Filters

- **Qualification Filters:** Establishing criteria to filter and shortlist potential suppliers based on factors like financial stability, compliance with regulations, and quality standards.
- **Performance Filters:** Continuously monitoring and filtering suppliers based on their performance metrics, such as delivery times, defect rates, and



CONCULSION: the qlik insights for supply chain sucess is atreatment to data devin

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innovations they can of operational efficiency they they level can be operational efficiency they have insight advisor are can multiple of an datasets integrates of data sets which has the optimizing the decision making view of the current system overall business productivity.

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