Delhivery supply chain analytics dashboard:  
  
  
requirement: . In this dashboard, we will be creating the delivery supply chain analytics dashboard. And the requirement of client or the problem statement is client wants us to create a dashboard which should look exactly as their website. So they want to follow their aesthetics. They want client to grant attentivity to the reflective as much as possible. Then they want to track the orders. It's a supply chain dashboard so they want to track maybe how many orders are getting out of warehouse, what's the revenue we are generating, what's the availability of the product, what is the defect rate, if a product is going out of my warehouse, are any defects happening or not, is there any leakage, is there any product breakage, all those kind of things. And finally, if I am shipping something to my customer, how much cost I am bearing for that. All these metrics client wants to test. And then they want to track the safety if they are on a different dimensional level. They want to track it at product type level, at a product level as well. They are using some third party carriers to send the shipment. They want to track it at carrier level as well. And then they want to see out of total how much contribution each unit is giving me in the sales. Again, I will be talking about all of these points in more detail in the future. And the data set for this dashboard client has given us in CSV, Excel file and client wants no more CSV file or Excel file. They want us to move their entire data set to Snowflake so that my dashboard is connected to the live connection or maybe the dashboard is connected readily to the Snowflake server. And one more functionality they want that they want to download the exact entire data of dashboard also in a tabular format. So they want us to place one button on the dashboard which they click. If they click, they should be redirected to a different page where they can download the entire data or they can see the entire data dump of dashboard. This is a very common scenario which we see in real life. That's why I have tried to indicate it here. And they want to slice and dice the data. That's why they want filters of location, gender, rules, carriers, products, all these kind of things. You can see the data modeling also. But if my data is collected in different files, how we can do that also. This is the wireframe which we are going to follow.

About the dataset :: supply chain data set CSV!  
  
we have 18 columns of data columsn are

|  |
| --- |
| **CARRIER** |
| **CUSTOMER Gender** |
| **LOCATION** |
| **MODE** |
| **PRODUCT** |
| **PRODUCT TYPE** |
| **ROUTE** |
| **SUPPLIER** |
| **AVAILABILITY (PCT)** |
| **DEFECT RATE (PCT)** |
| **ORDERS** |
| **PRICE** |
| **PRODUCTION** |
| **PRODUCTS SOLD** |
| **REVENUE** |
| **STOCK LEVEL** |
| **Shipping costs** |
| **Year of Transaction** |

After checking the data and verifying that the data is clean , we added all 3 csv A screen shot of a computer

AI-generated content may be incorrect.

to the snowflake warehouse .  
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loaded all three files onto the snowflake warehouse  
  
  
then we connceted the tableau with snowflake ::  
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our data model: A screenshot of a computer

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Dashboard :: A screenshot of a computer

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These are the filters that we added : 