Figure 4 (screenshot)

THERE ARE 24 MAIN COLUMNS TO THIS DATA SET:

OrderID

1. Sales person id
2. Customer id
3. Returns
4. Salesperson
5. Team
6. Customer
7. Service channel
8. City id
9. City
10. Actual delivery month
11. Actual delivery month number

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12. Scheduled delivery month
13. Scheduled delivery month number
14. Scheduled delivery year
15. Diff (Actual-scheduled date)
16. Order delivery month
17. Order delivery month no
18. Orer delivery year
19. Diff(Actual order date)
20. Order date
21. Scheduled delivery date
22. e-BL_issued date
23. Actual delivery date
24. Status of delivery

BUSINESS REQUIREMENTS:

- The business has requested a graphical representation of the delivery status
- Analysis of cities and sales persons
- Able to explain performance over time
- The dashboard's graphical display feature need to have the capacity to foresee and solve problems.
- Dedicated pages for on time, late and early deliveries

USER REQUIREMENTS:

- User friendliness is required for the interface.
- The user interface has to include a detailed colour palette and graphical depiction.
- The dashboard should offer some kind of filtering capability inside the user interface for data analysis, as well as the option for interactive behaviour.
- Labeling for each data visualisation has to be clear.
- Users should be able to do a variety of tasks on the dashboard thanks to its interactivity.
- It must be simple for users to share the built dashboard.

HOW I CREATED A DASHBOARD:

STEP 1:

In this step I have obtained and sorted the data accordingly I also had to verify the data and make sure the data which I have received is relevent.

C ScheduledDeliveryDate	D e-BL_IssuedDate	E ActualDeliveryDate	F SalespersonID	G CustomerID	H Returns	I
8/11/2020	8/11/2020		3825	177170	0	
8/11/2020	8/11/2020		3825	177170	0	
8/15/2020	8/17/2020		839	174918	0	
8/15/2020	8/17/2020		839	174918	0	
8/16/2020	8/17/2020		3522	50735	0	
8/16/2020	8/17/2020		839	174918	0	
8/16/2020	8/17/2020		3867	167096	0	
8/16/2020	8/17/2020		3781	177011	0	
8/16/2020	8/17/2020		3781	177011	0	
8/8/2020	8/5/2020		839	169194	0	
8/11/2020	8/11/2020		3933	124175	0	
8/18/2020	8/17/2020		3867	158908	0	
8/18/2020	8/17/2020		3867	158908	0	
8/18/2020	8/17/2020		3867	124959	0	
8/18/2020	8/17/2020		3867	124959	0	
8/14/2020	8/11/2020		3630	55016	0	
8/14/2020	8/11/2020		3272	116553	0	
8/14/2020	8/11/2020		3147	174850	0	
8/14/2020	8/11/2020		3630	175896	0	
8/14/2020	8/11/2020		3630	54681	0	
8/14/2020	8/11/2020		3630	174201	0	
8/14/2020	8/11/2020		3630	175896	0	
8/14/2020	8/11/2020		3630	145117	0	
8/14/2020	8/11/2020		3630	55016	0	
8/14/2020	8/11/2020		3630	170271	0	
8/14/2020	8/11/2020		3933	171985	0	
8/14/2020	8/11/2020		3933	171489	0	
8/14/2020	8/11/2020		3933	171985	0	
8/14/2020	8/11/2020		3933	172266	0	
8/14/2020	8/11/2020		3933	171985	0	

Figure 5 (screenshot)

STEP 2:

After step 1 I have upload the excel file into power bi the tool which I have selected for creating the dashboard this enables me to work in this effectively

STEP 3:

After uploading the dataset, I proceeded to create 5 different tables for each functions of the company starting from an overall Overview of the the company and then analysis of each catergories the third tab consist of data from early deliveries and rankingsThe fourth and fifth tab consist of ontime and late delivery analysis
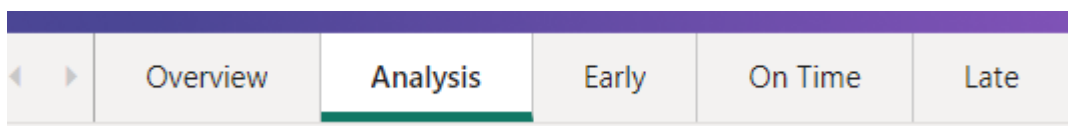

Figure 6 (snippet)

Step 4:

After the creation of the tabs I have created multiple charts that depicts multiple sectors this helps the organization make better decision
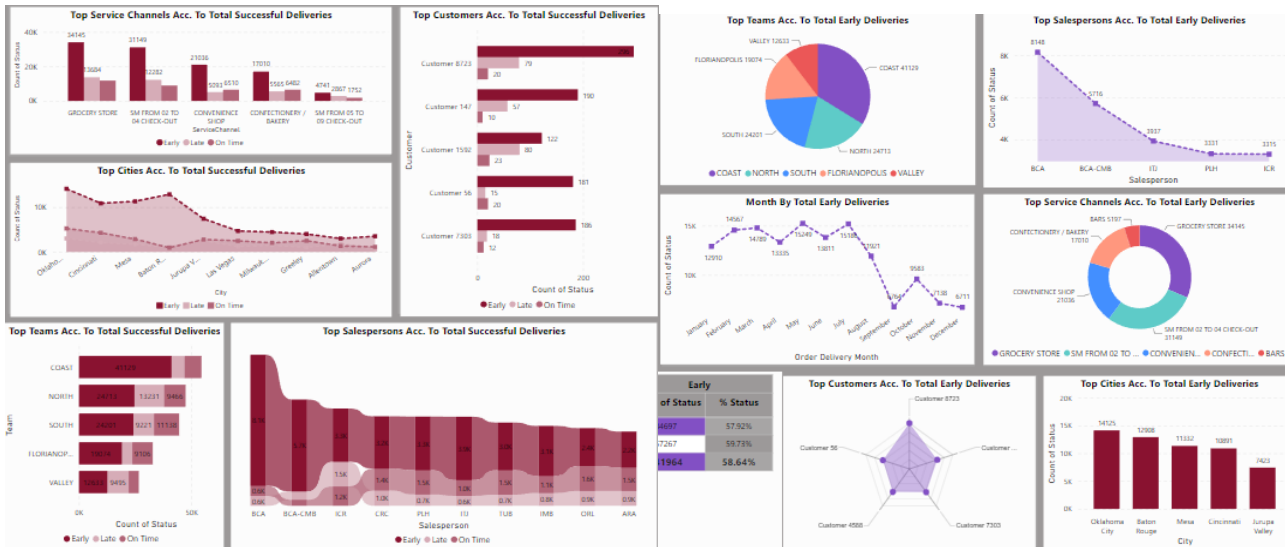
Figure 7 (screenshot)

Figure 8 (screenshot)

<div style="background-color:gold">

MY DASHBOARD:

</div>

OVERREVIEW PAGE:
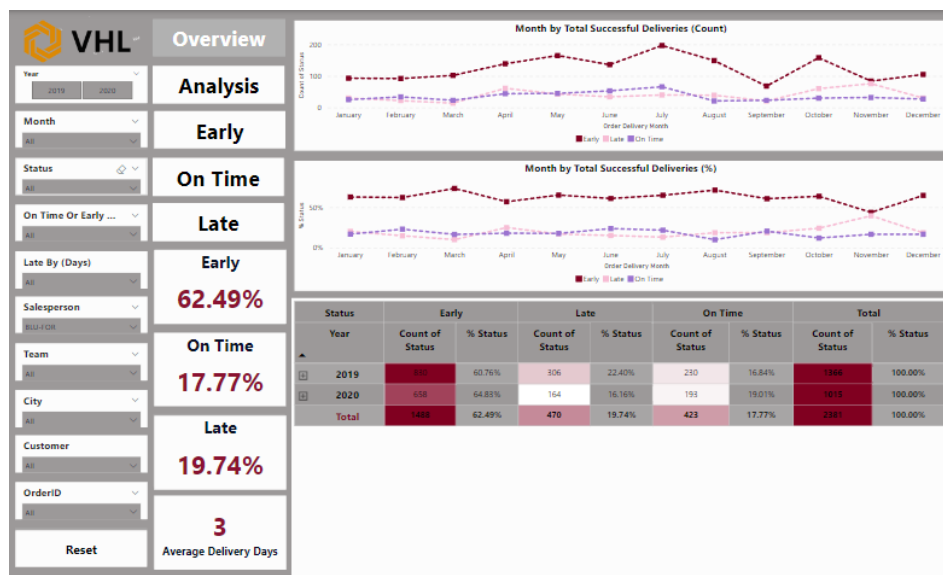
Figure 9 (screenshot)

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The above tab contains 2 different graphs where you can observe total successful deliveries in months and in percentage

ANALYSIS:
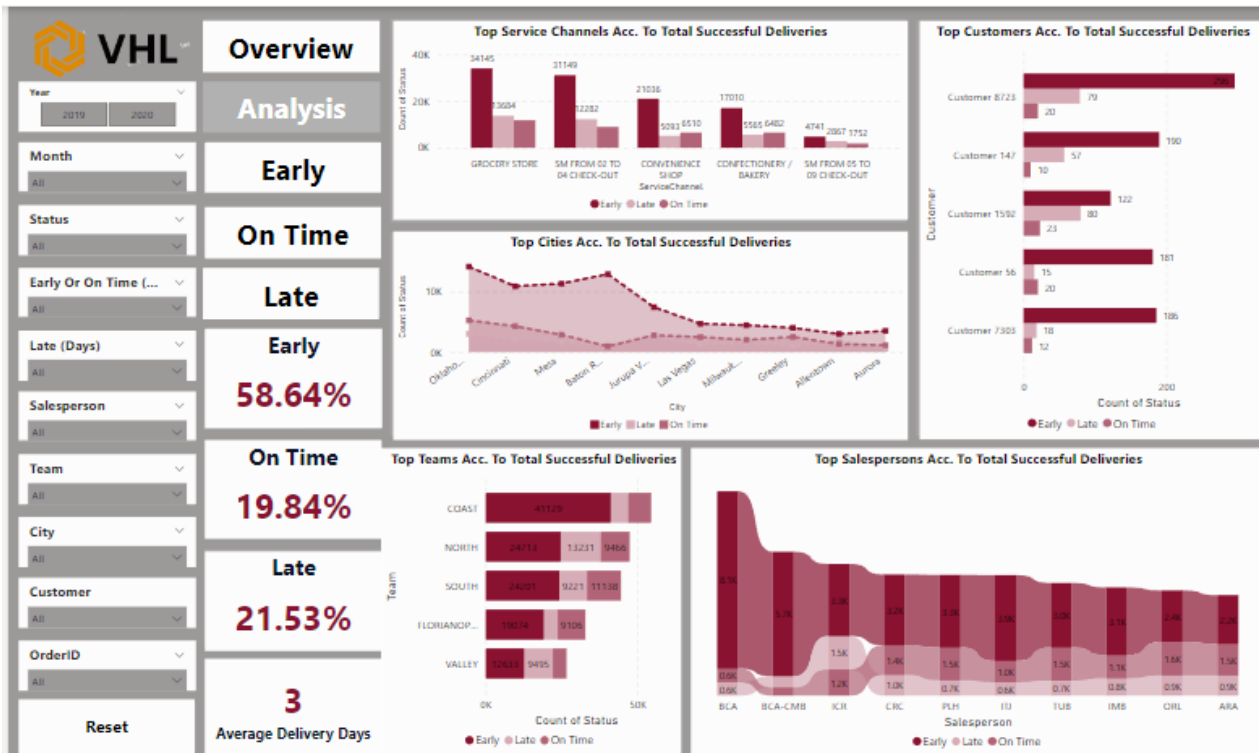
Above you can see the analysis page which shows top service channels, top cities, top customer, top teams and top sales person according to successful deliveries

EARLY:
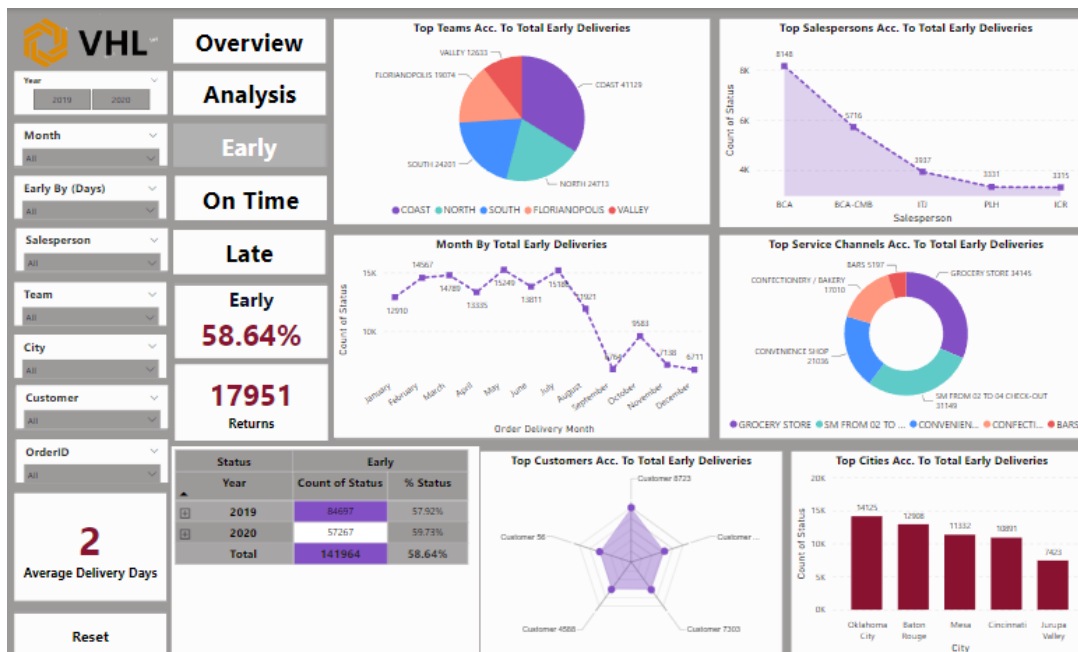
Figure 11 (screenshot)

Above you can see the total data of early deliveries

ONTIME:
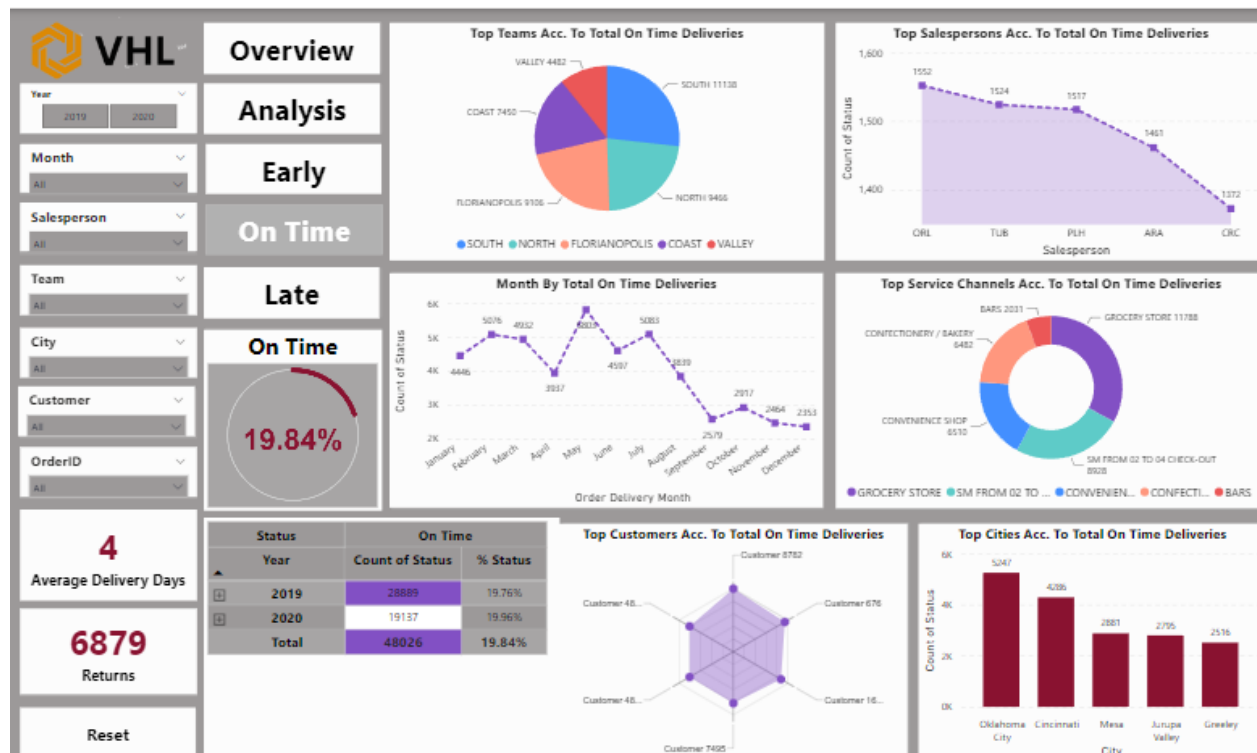
Figure 12 (screenshot)

Above you can see the overall data of on-time deliveries

LATE:

Figure 13

Above you can see the overall data of late deliveries

CRITICAL REVIEW OF THE CUSTOMIZATION WHICH I HAVE INTEGRATED IN MY DESIGN:

NAVIGATION BUTTONS:

The user may browse between the various pages in my dashboard using the custom Navigation Buttons. The fact that these buttons are present on every page makes my dashboard more user-friendly.
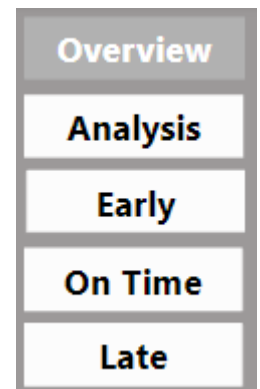
Figure 14

SLICERS:

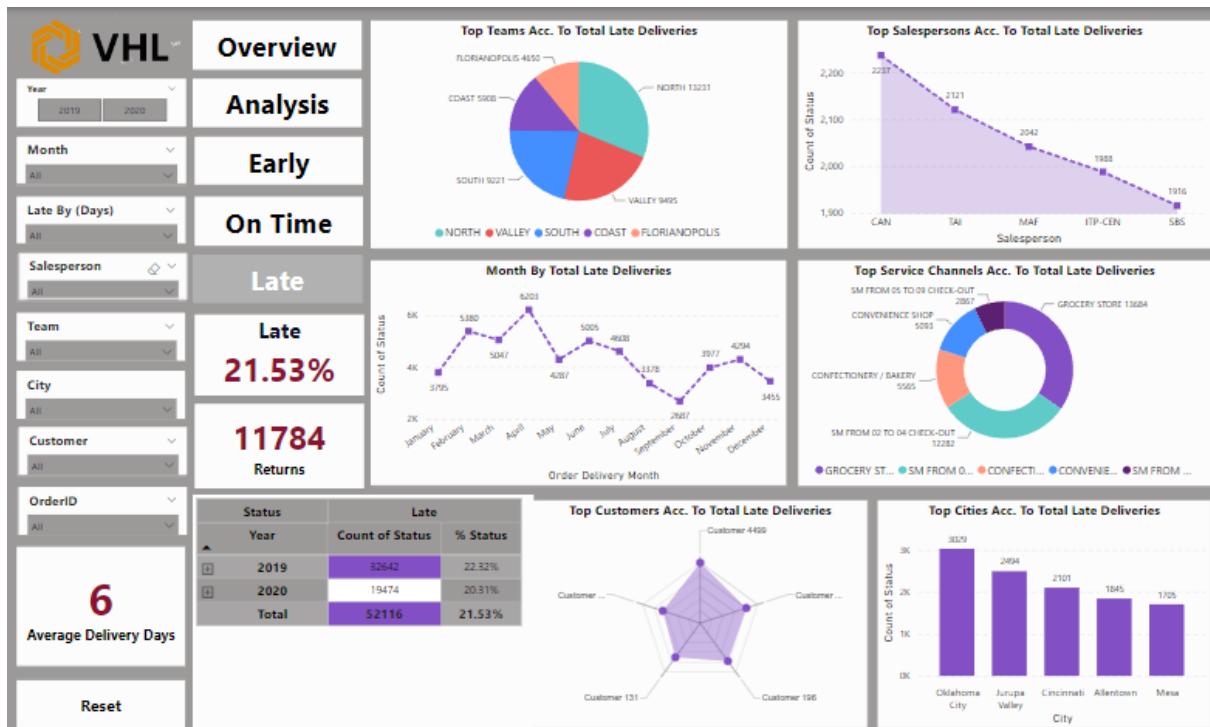I have included 9 different slicers in my page which enables the users to get more accurate details which helps them in better decision making this is also one of the key features of my dashboard

Figure 15

'

FILTER RESET BUTTON:

I have added a reset button for the slicers which I have added which enhances the user experience since the user doesn't have to go through every slicer and uncheck it. it can be done just by clicking the reset button

Figure 16

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CRITICAL REVIEW OF DESIGN IN TERMS OF USER:

In the dashboard which I have created the target users are the management of a logistics company the dashboard which I have created gives them information's such as total no of deliveries,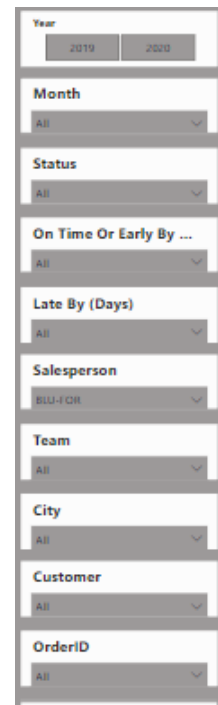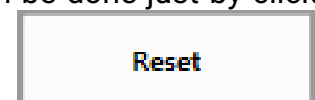early deliveries, late deliveries , ontime deliveries, top team, top cities and top sales persons etc this helps them in taking critical desitions I have also made this very user friendly by adding various designs.

CRITICAL REVIEW OF DESIGN IN TERMS OF BUSINESS REQUIREMENTS:

The logistics dashboard which I have created satisfies most of the business requirements I have satisfied all the client requirements I have created an attractive visual representation which helps them take critical decisions.

EFFECTIVE DECISION-MAKING USING BI:

1. It motivates the advertising department to increase their top line. They may use it to examine the effects of their campaign and marketing successes. Additionally, it motivates them to adjust their expenditure in order to demonstrate increased ROI.
2. Business intelligence assists the sales department in finding the best methods and best practices, determining the cost and time involved in acquiring clients, streamlining processes, and doing annual analyses of transactions and turnover.
3. The logistics department can monitor and track things like sales turnover, the rate of reduction, effective teams, etc

Aside from these, every other division within a company will gain from business intelligence, either directly or indirectly. The effective use of this instrument and approach has produced outstanding results across all industries, including online commerce, media, non-profit organisations, social insurance, telecom, financial services, and energy.

By using BI, decision-makers will be better able to comprehend their market at any stage, maximize their profits, and make choices that are backed not just by their gut feelings but also by accurate descriptive data and evidence. Corporations will use this details to determine if they should explore new markets and what safety measures to take. Because it combines the key elements of interaction, database connectivity, data visualisation, & portable business analytics, business intelligence is advantageous to an organisation.

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