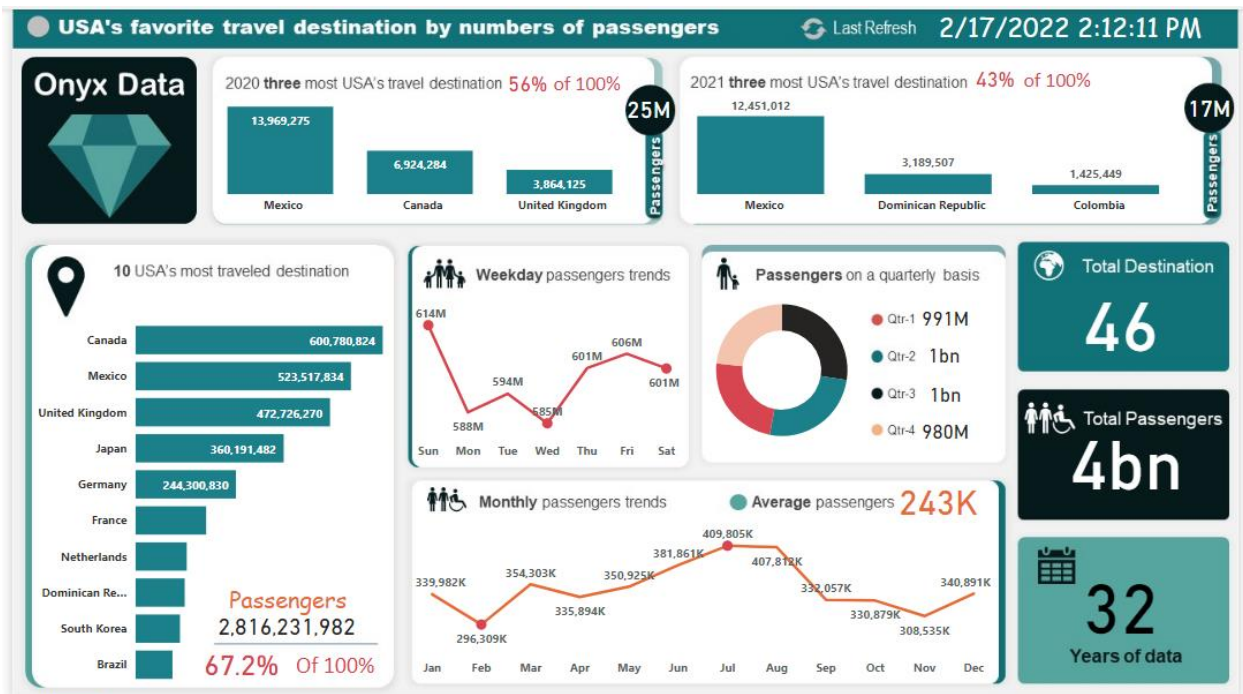# Power BI Dashboard Course task guides

This is all the task we are going to work on in our dashboard projects.

Advanced Sales Analysis Dashboard

Our task on this dashboard is to do the followings:

1. What are the unique numbers of transactions of each customer?

2. What verities of products, what are the unique products that each customer buys?

3. Who are our top-10 customers?

4. The company want to know which customer group is contributing more to revenue. Group the customers into Top-200, Top-500 and others by sales.

5. Visualize the budget vs revenue in a well understandable chart.

6. Create a page overview that the end users can quickly spot relevant information on the dashboard.

7. What are the top-10 locations, create a map that displayed each locations base on sales and other KPI's

8. Create a simple navigation for all the pages

Child Abuse Dashboard

You are to create a single page dashboard that tells clear story about child abuse.

Our task on this dashboard is to do the followings:

1. KPI's for relevant information

2. Where do we have the highest child care providers states?

3. Top states with highest child legal guidance

4. What are the top state with the highest parents?

5. Where do we have the highest perpetrators?

Employees Insight Dashboard (HR)

Our task on this dashboard is to do the followings:

1. What are the employee's status at the moment?

2. Reasons why employees leave our organization

3. On a table using the cost center show relevant information (measures)

4. What are the cumulative numbers of employees over time?

5. Number of sick days overtime

6. Employees count by gender

7. By business unit show the followings, total employees, active and inactive employees

8. Number of employees by age groups

Pi Day Pie Dashboard

This bakery company needs insightful information about their business in other to make accurate decisions

Our task on this dashboard is to do the followings:

1. Cumulative daily sales from the inception of the business to the last date

2. Quarterly revenue view

3. Sales by means of order

4. Insight on weekdays, compare Pre-order and in-store order by weekdays

5. What flavors contributes to most to our revenue?

6. Monthly sales trend

Regional Sales Analysis Dashboard

This is a multiple page's dashboard that delves deep into sales analysis and visualizations

Our task on this dashboard is to do the followings:

1. Create a page overview for important KPI's

2. Create a customer retargeting that show the last time a customer last buys from our company and numbers of days

3. For any customers which has not purchased from our company for the last 13 days and above show them on a chart for retargeting by the marketing teams

4. What are the top-5 products by sales or revenue

5. What are the top-5 products by gross profits

6. What are the least performing products?

7. On a table display important measures alongside all products name

8. Top-3 profitable location types

9. Top-3 profitable cities

10. Show more transaction details on a map using location map with state dimension

11. Full details on all the sales teams in a table format

12. Who are our top-3 sale teams?

13. Sales trend by regions

14. Shipping status by quantity ordered

15. Delivery status by quantity ordered

16. Sales channel by quantity ordered and other relevant measures

17. Create a switchable measure to switch from Revenue, Order, Profits and Transactions

18 Create bestselling or purchasing days for every product

19. Create hide and show navigation for the pages

US International Travel Dashboard

This is another one-page dashboard with relevant information only.

Our task on this dashboard is to do the followings:

1. What are the most US travelled destination

2. Passengers trends by weekdays

3. Passengers trends by month

4. US travel destinations in the year 2020 and 2021

5. Passengers trends by month