



# Data Visualization and Analytics with Tableau

# PART 6: COVID-19 Project

## Background:

Many countries around the world are still struggling to control the spread of coronavirus (COVID-19). As a result, telemedicine has become more popular than ever before. Teladoc is one of the leading telemedicine providers in the world.

We want to build a dashboard to track the stock performance of Teladoc for potential investors.

## Dataset:

Yahoo Finance, TDOC

<https://finance.yahoo.com/quote/TDOC/history?p=TDOC>

## Objective:

1. User can view the summary data such as market capitalization, previous close, open, high, low, past year price range etc.
2. User can view the stock price trend for different time duration, such as past 6 months, 1 year, 5 year, or historical series, etc.
3. User can set a target price and compare it against current price quickly.
4. User can go to Teladoc's annual report webpage quickly.

# PART 6: Boeing Market Outlook 2020

## Background:

Boeing has made a long term commercial market outlook for the aviation industry from 2020 to 2039.

We want to build a dashboard to summarize the key market trend and highlight the traffic flow rank in different regions.

## Dataset:

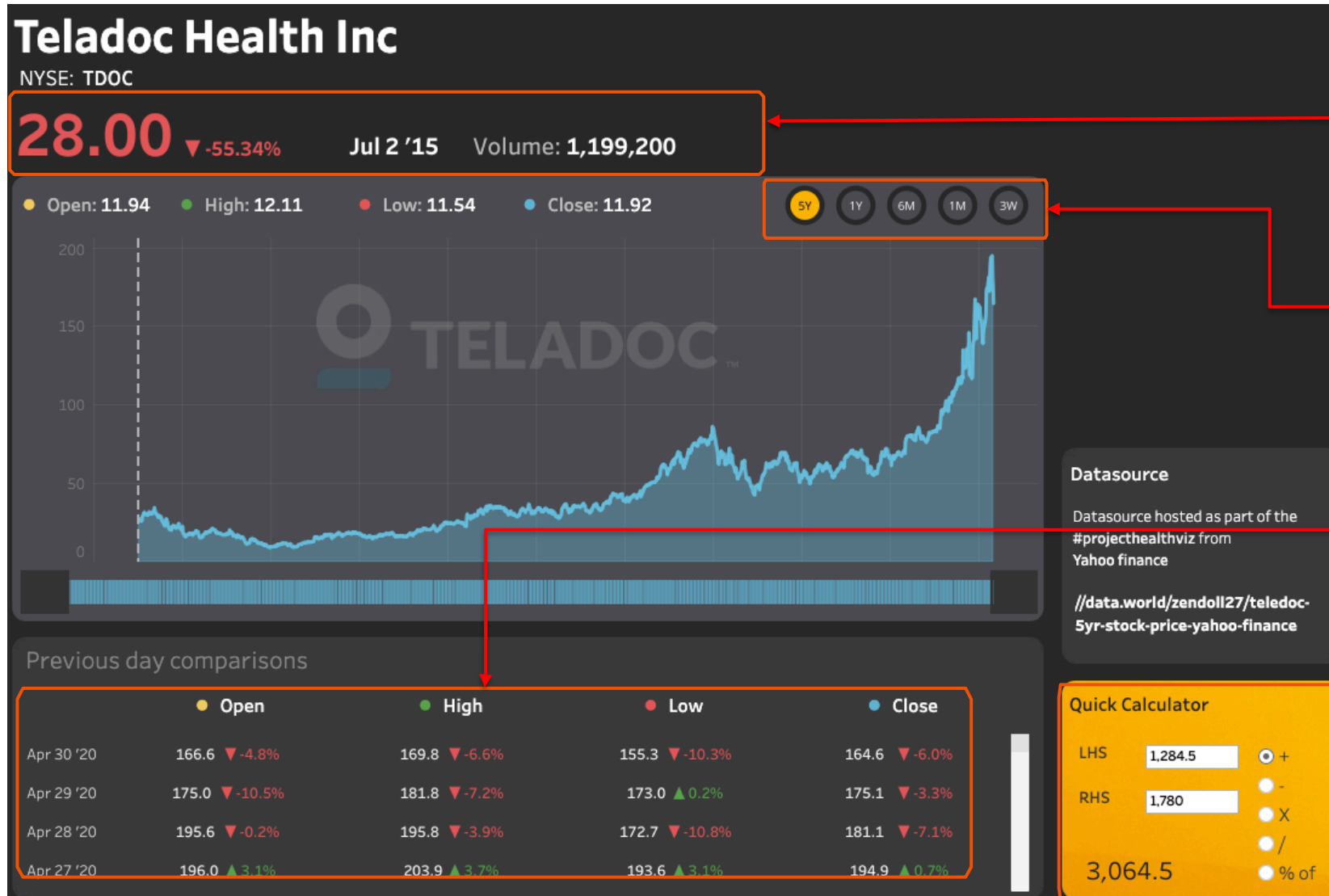
Boeing, Commercial Market Outlook (CMO) 2020-2039

[https://www.boeing.com/resources/boeingdotcom/market/assets/downloads/CMO\\_2020\\_Forecast\\_Data.xlsx](https://www.boeing.com/resources/boeingdotcom/market/assets/downloads/CMO_2020_Forecast_Data.xlsx)

## Objective:

1. User can view the market outlook summary quickly from the dashboard.
2. User can view the traffic rank flow rank change along the year.
3. User can understand the projected growth rate of the market in different regions.

# PART 6: Build Your Dashboards



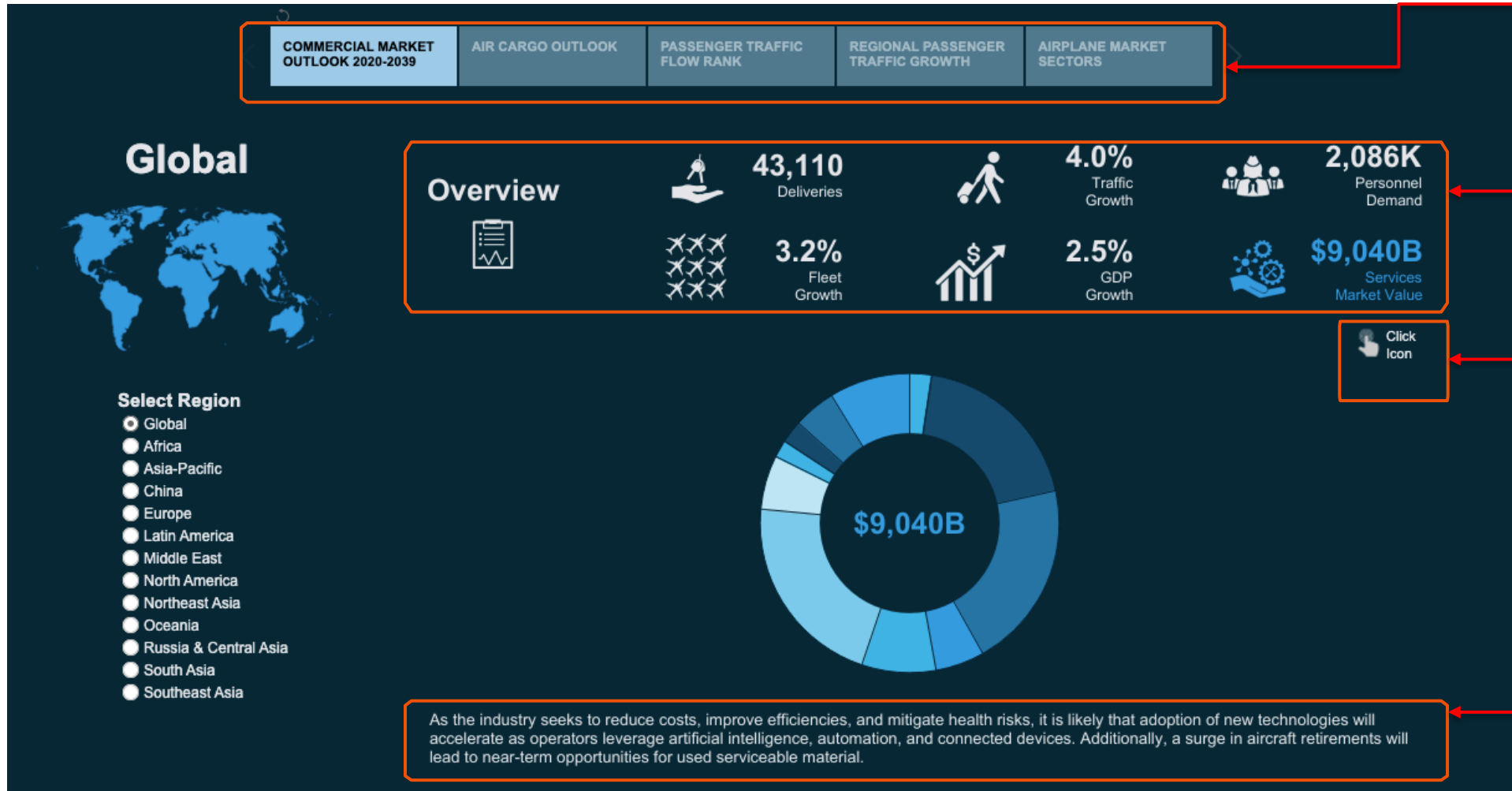
Market Summary Data:  
a high level of data details and key metrics

Market Trend:  
User can view different time period trend

Detail:  
User can view low level of daily data details

Quick Calculator:  
User can set target price and compare it against prices quickly

# PART 6: Build Your Dashboards



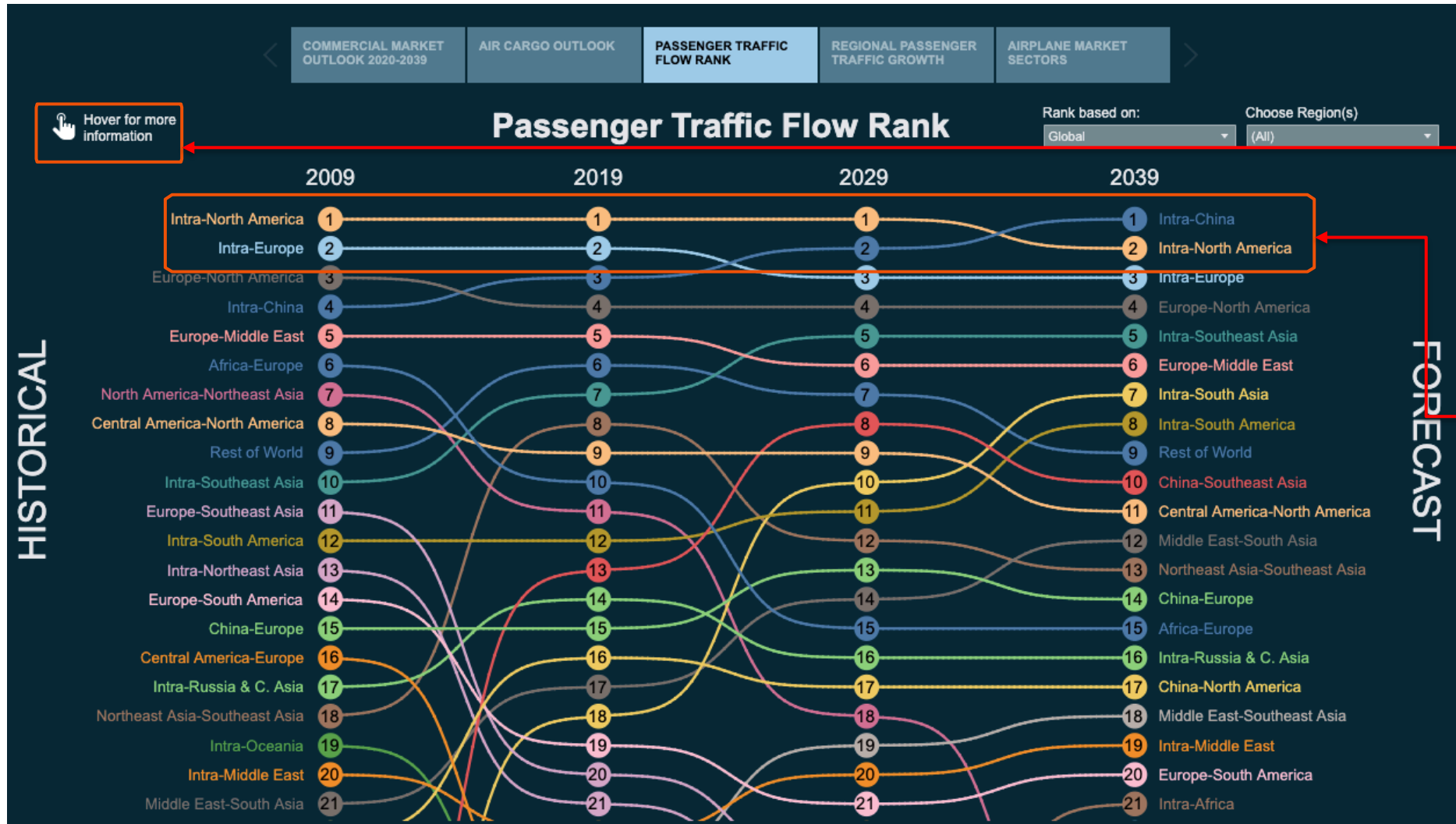
Data Story:  
Combine different dashboards to form a compelling data story.

Market Summary Data:  
a high level of data details and key metrics

Navigation Button:  
User can drill down to details with a click icon.

Caption/Text:  
A caption/text to give user market insights.

# PART 6: Build Your Dashboards



Navigation Button:  
User can get more information when hover.

Colour Legend:  
Contrast colour legend to give users highlights and user can easily track the change along the year.