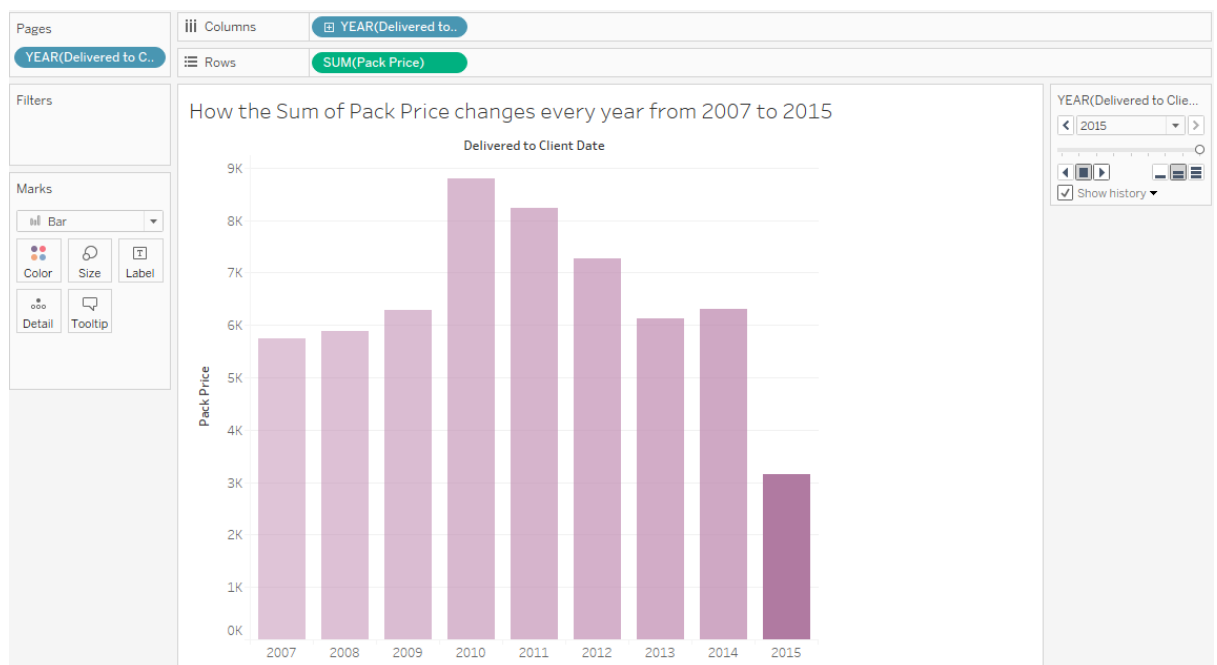


Business Intelligence – Tableau Assignment

Rabia Memon – 14908

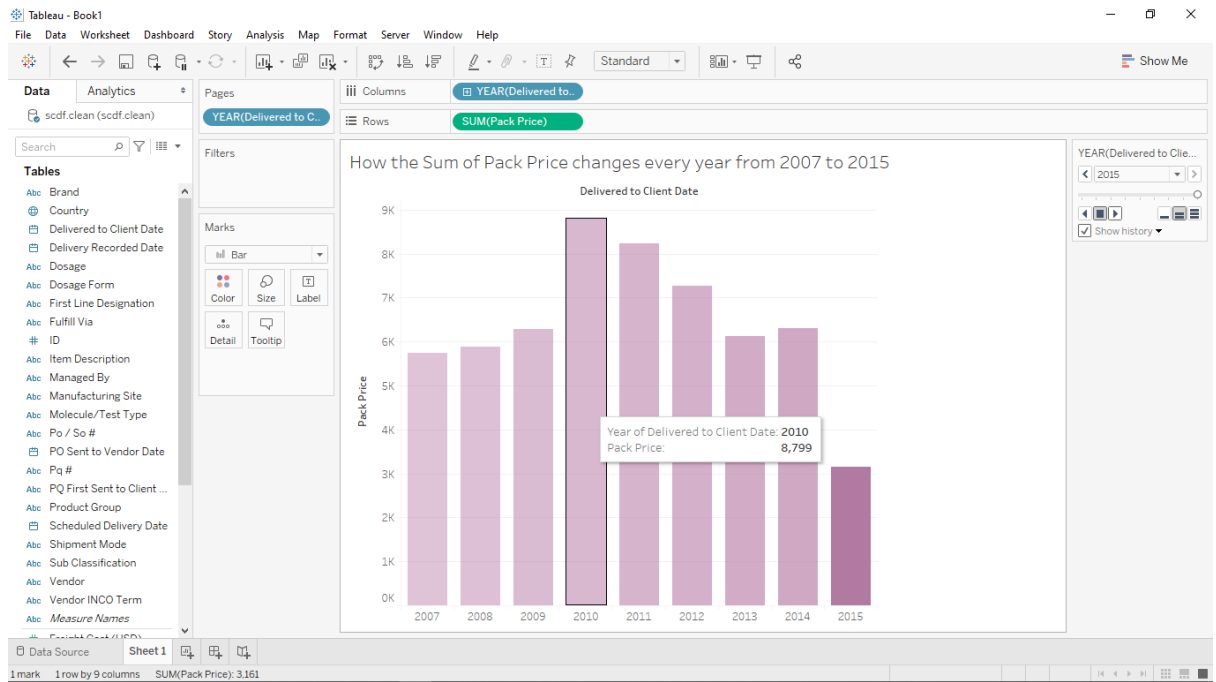
- 1. Create 2 problems from your knowledge of the dataset that will drill down into the pages functionality. Use pages to solve these problems with interpretation. Submit snapshots with interpretation on PDF.**

Problem 1: How the Sum of Pack Price changes every year?

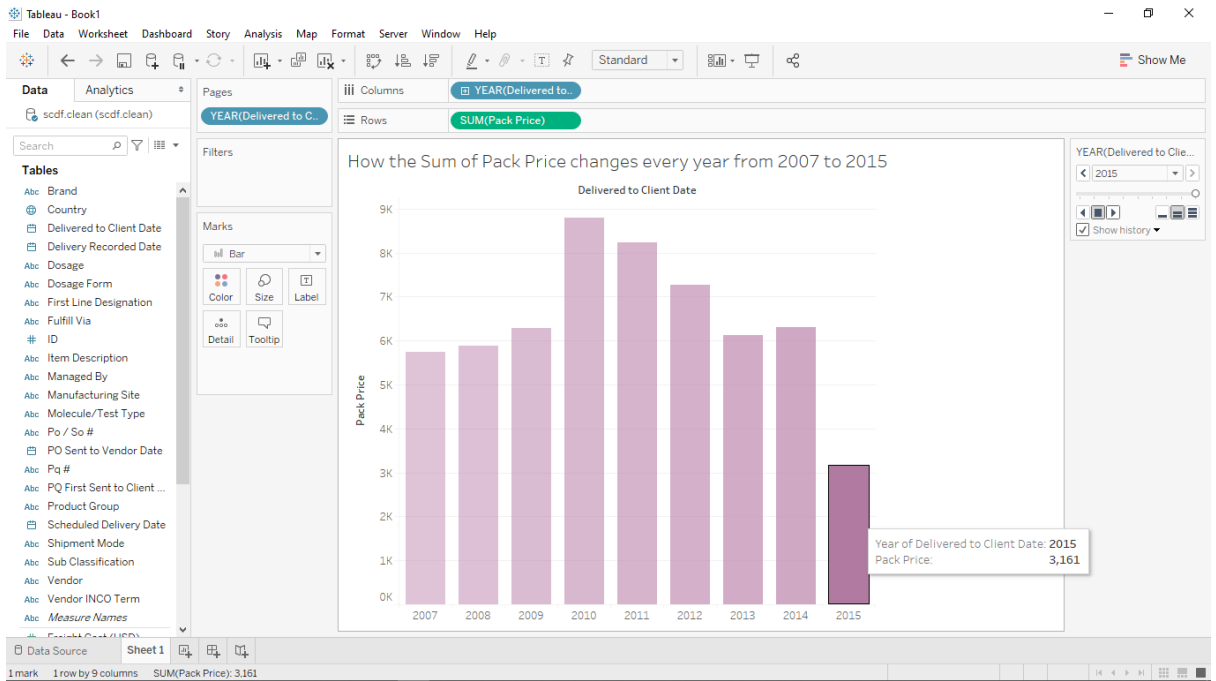


To analyze difference between sum of pack price yearly, I have used the drill down functionality. This tell us that the maximum pack price was recorded in the year 2010 (8799) and minimum pack price in the year 2015 (3161). Overall, it follows a normal distribution with the increase in first 4 years and then following the decrease in last 5 years.

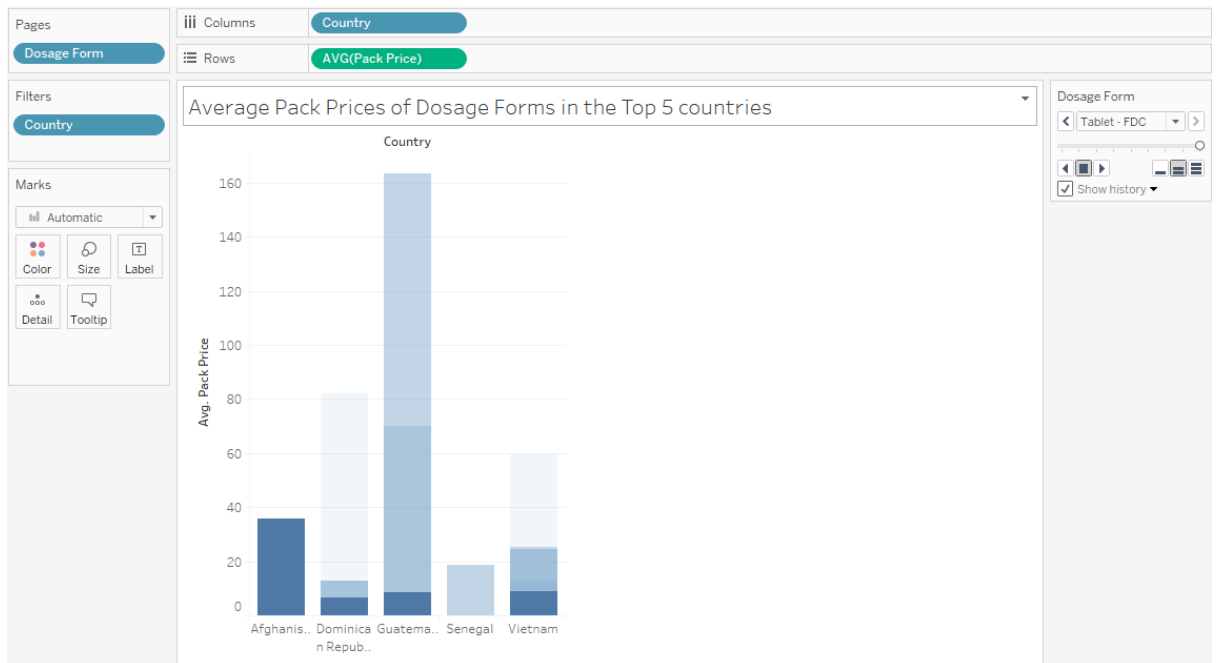
Maximum:



Minimum:



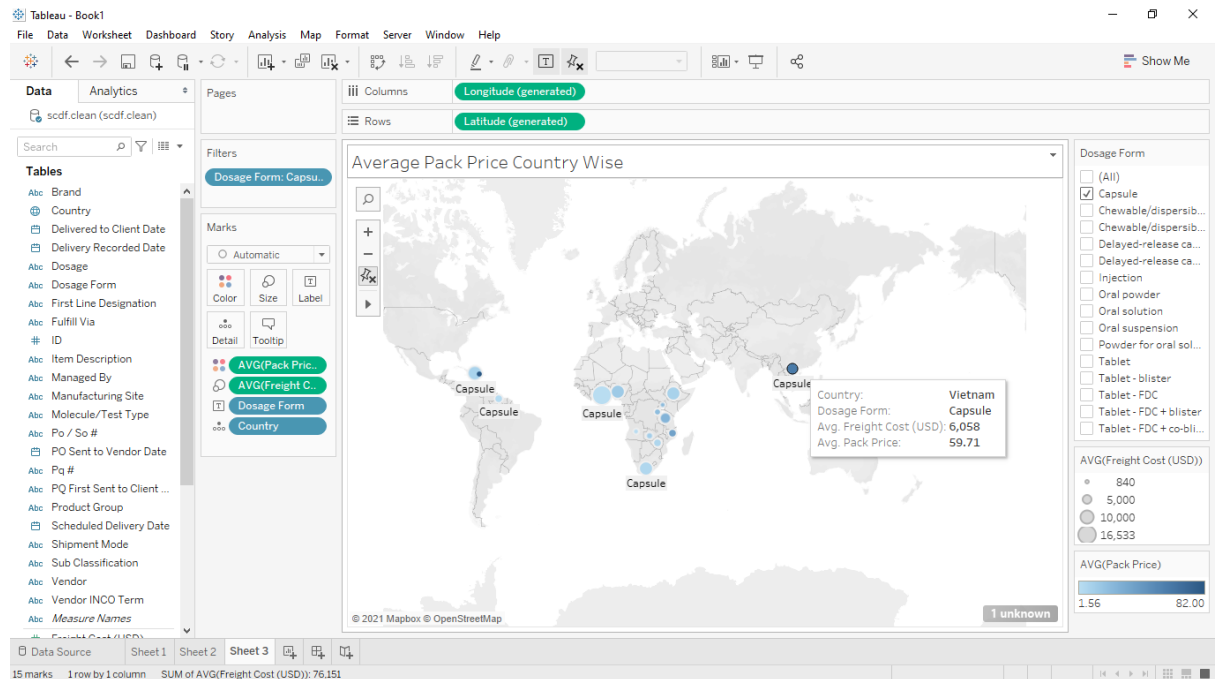
Problem 2: How to analyze the average pack price of dosage forms in the top 5 countries (with most average)?



This graph shows the average price of dosage forms in the top 5 countries. For example: In Guatemala, the average price pack of tablet is highest with the value of 163.5, followed by Injection and Tablet-FDC. We can set the dosage form values accordingly and check their average pack price in these countries. The color fades as the average decrease dosage wise.

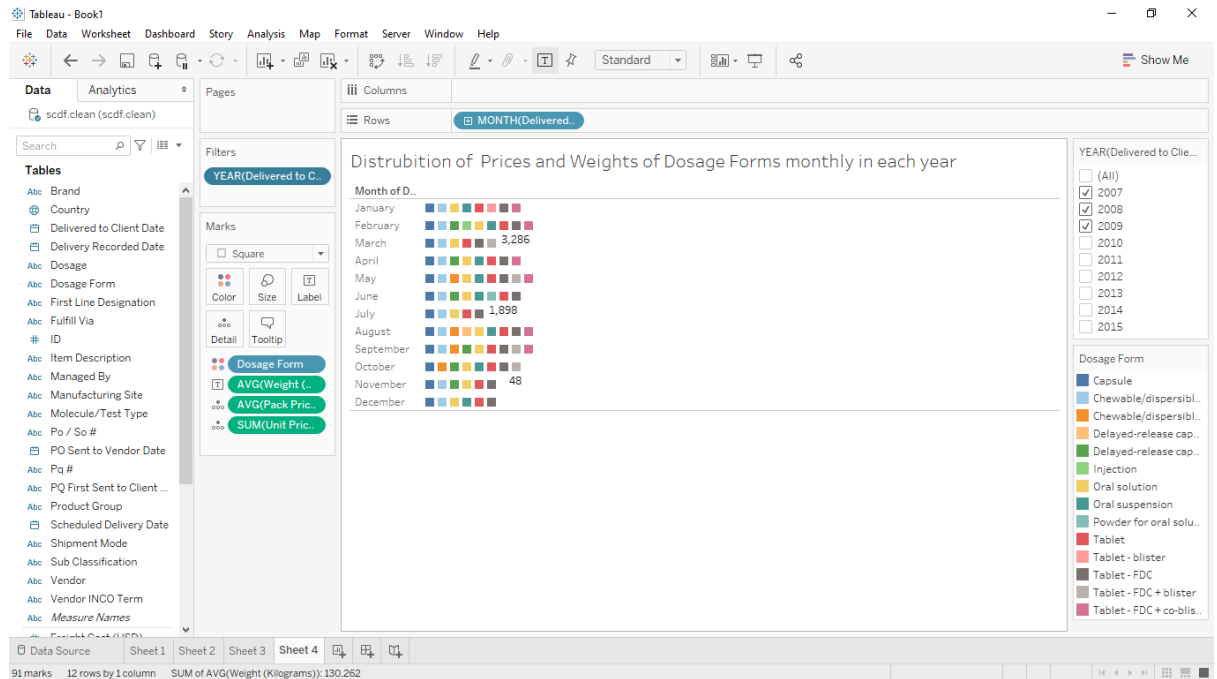
2. Create 2 problems which require you to use the Marks shelf (you can choose to work with charts other than maps - remember that one chart is shown on one worksheet typically). Use marks to solve these problems. Submit snapshots with interpretation on PDF.

Problem 1: How to analyze the Average Freight Cost and Average Pack Price of different Dosage Forms across each Country?



This graph filters out all the Dosage forms with their average freight cost and average pack price across each country. For example: The highest average pack price of dosage form “Capsule” is in the country “Vietnam” with the value of 59.71 and average freight cost of 6058. We can select different forms of dosage and see these two values (average pack price and average freight cost) across all the countries.

Problem 2: How to analyze the Average Weight, Average Pack Price and Sum of Unit Price in each year with a monthly distribution of their dosage forms?



This graph tells us the average pack price, average weight, and sum of unit price of each dosage forms in a year. You can see the monthly distribution and filter out the year as per defined by the problem. For e.g.: If we want to analyze the value in the year: 2007, 2008 and 2009, we can filter out and compare their trends. The different color square bars show the dosage forms and their monthly distribution.