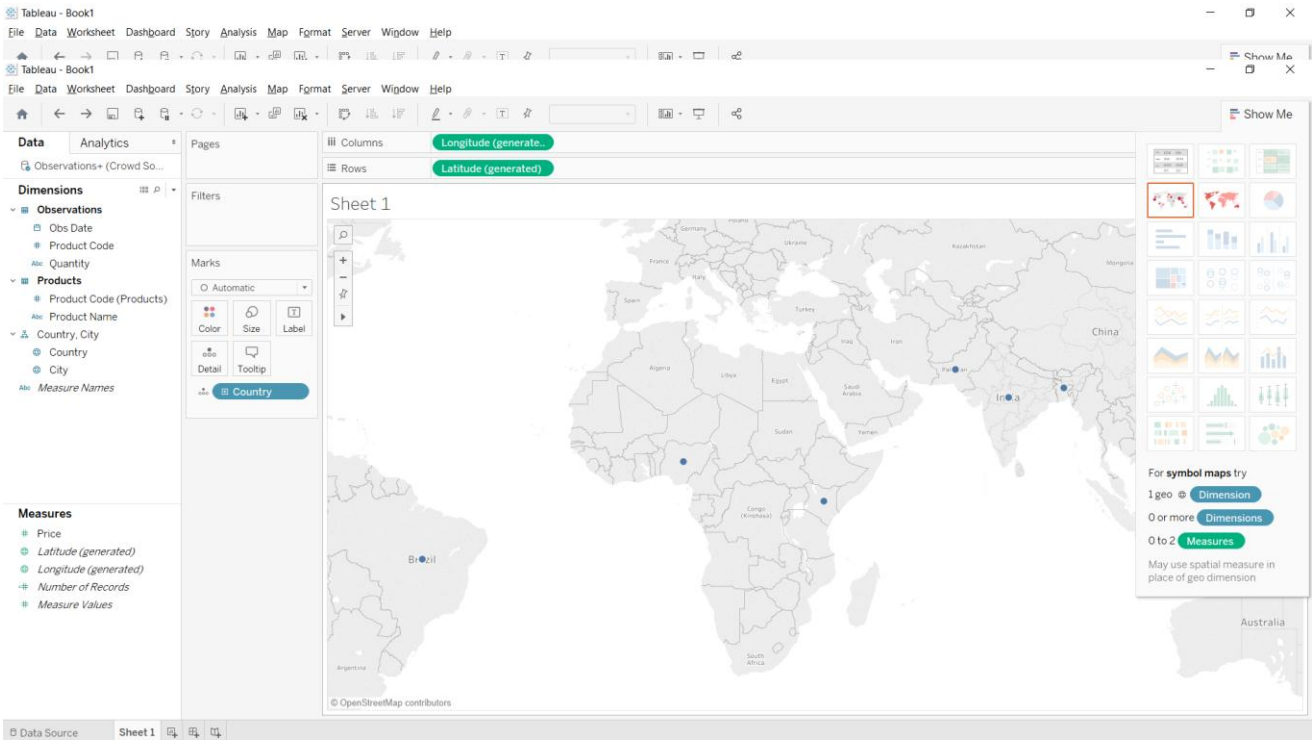
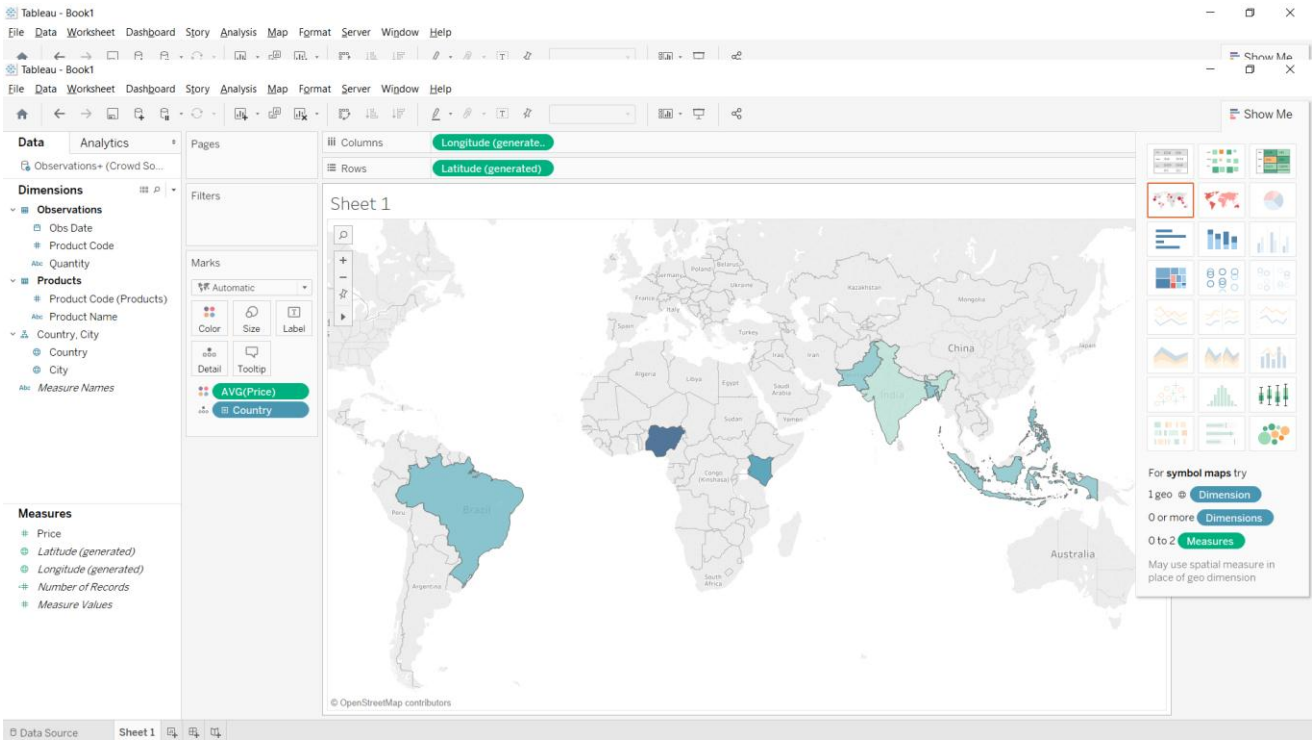
About the data in this exercise:

The data set is from the World Bank, collected as part of a pilot study on the feasibility of crowd-sourced price data collection. Price data was collected by non-professionals for thirty specific food items across several months in eight countries. The Excel file contains geographic data (city and country), time data (date of observation), product information (name, quantity) and price (standardized quantities, prices converted to comparable currency).

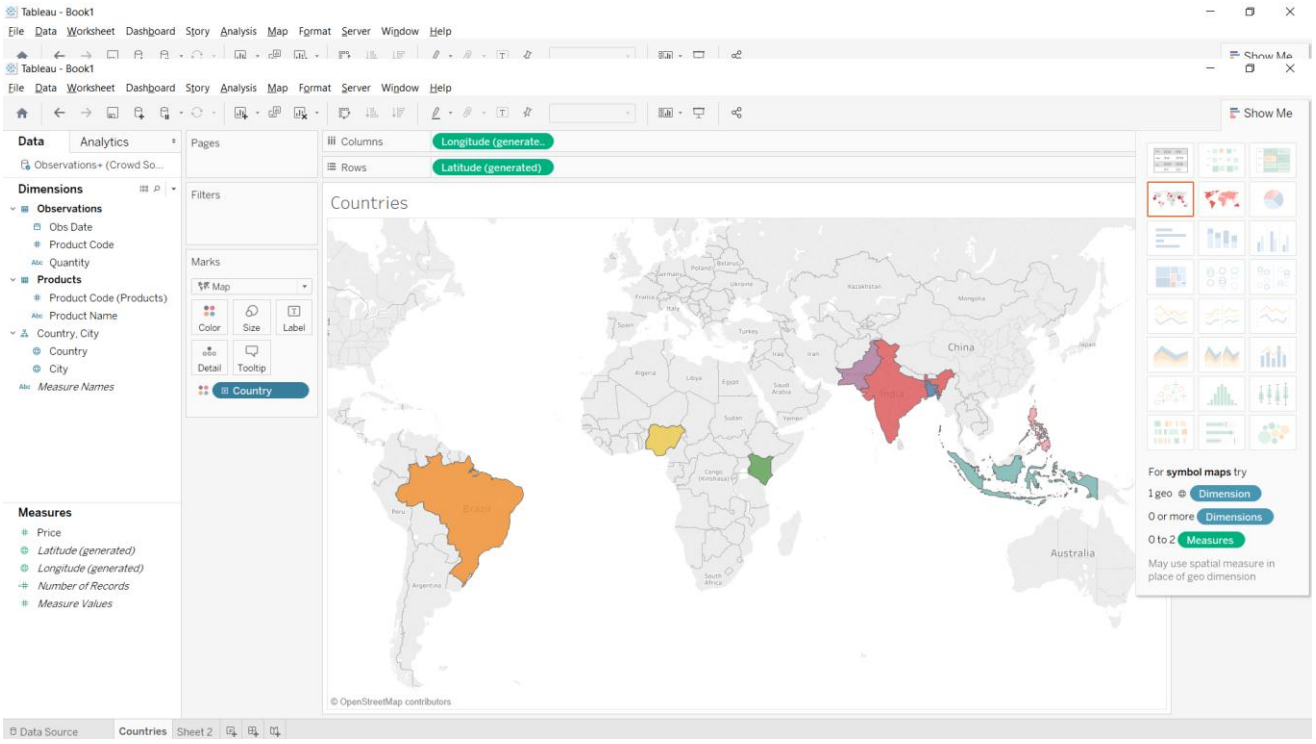
Plot countries as a map



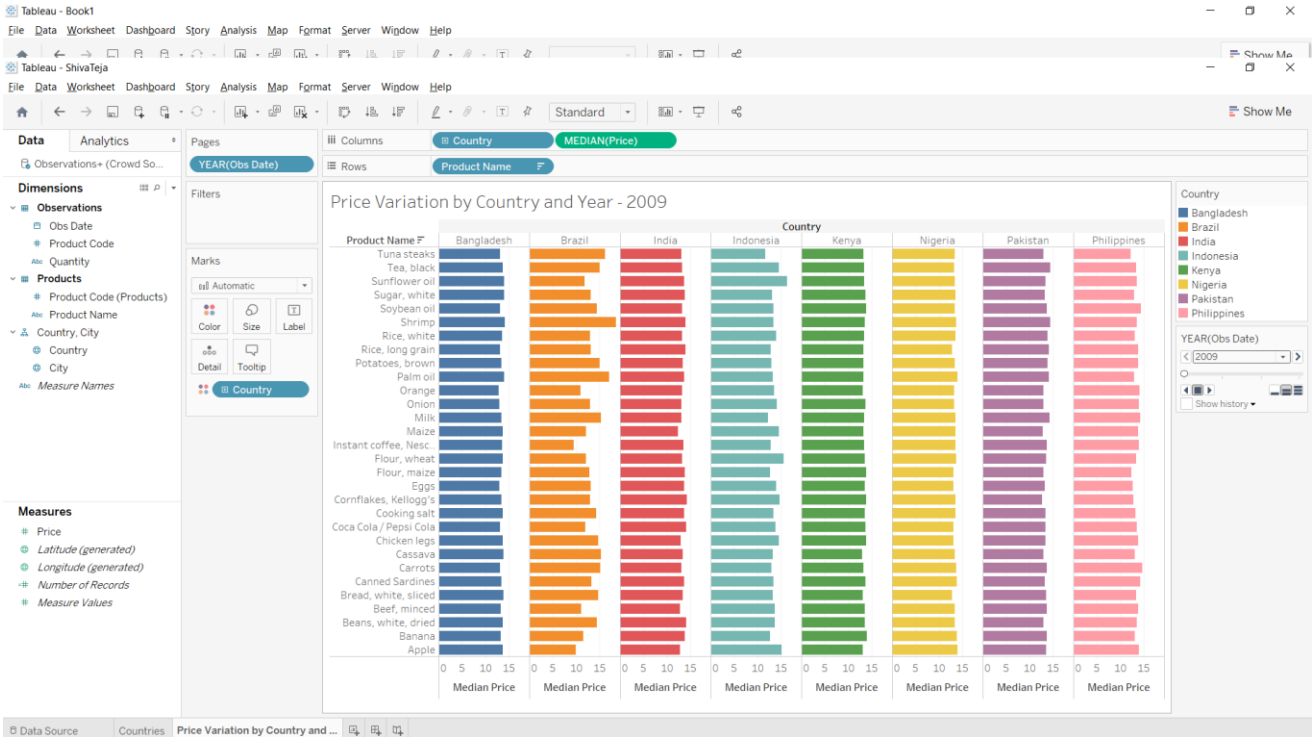
To analyze Which country has the most expensive average price.

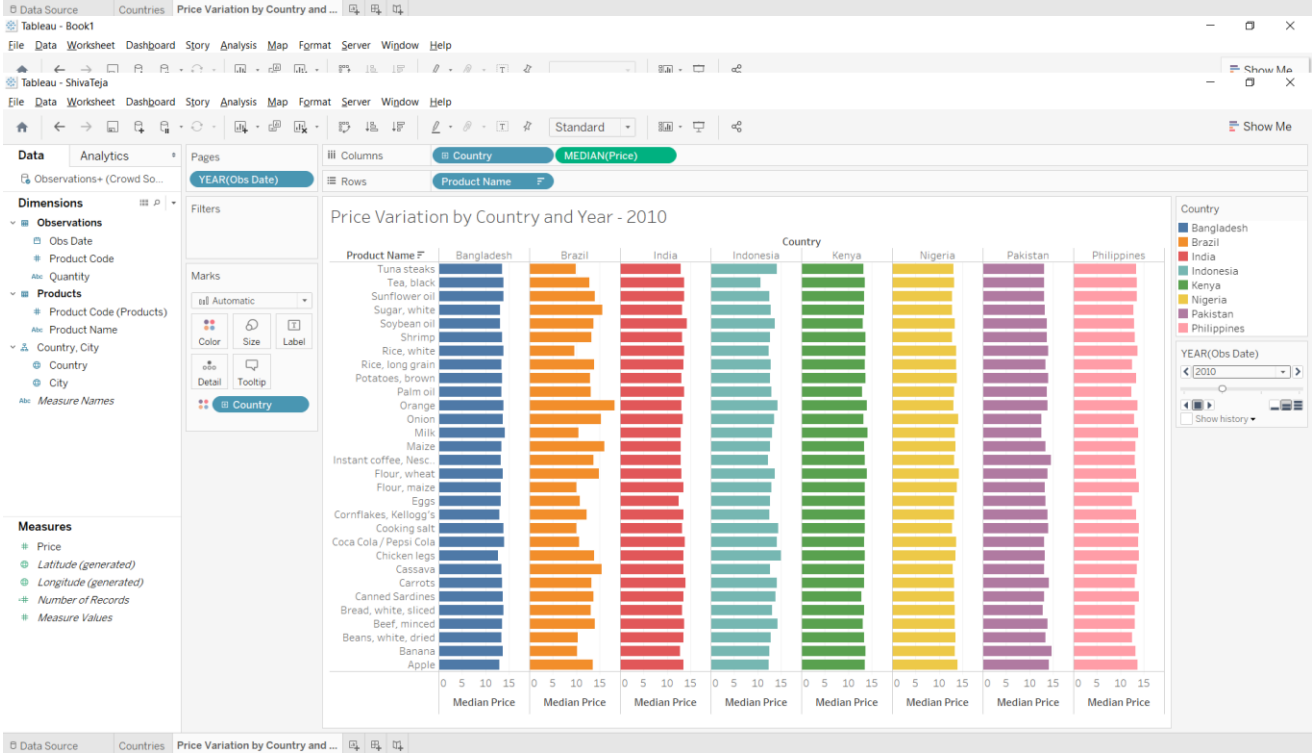


Highest average price is in Africa with 10.8746



To analyze how much variation is there in product prices across each country throughout the 4 years.





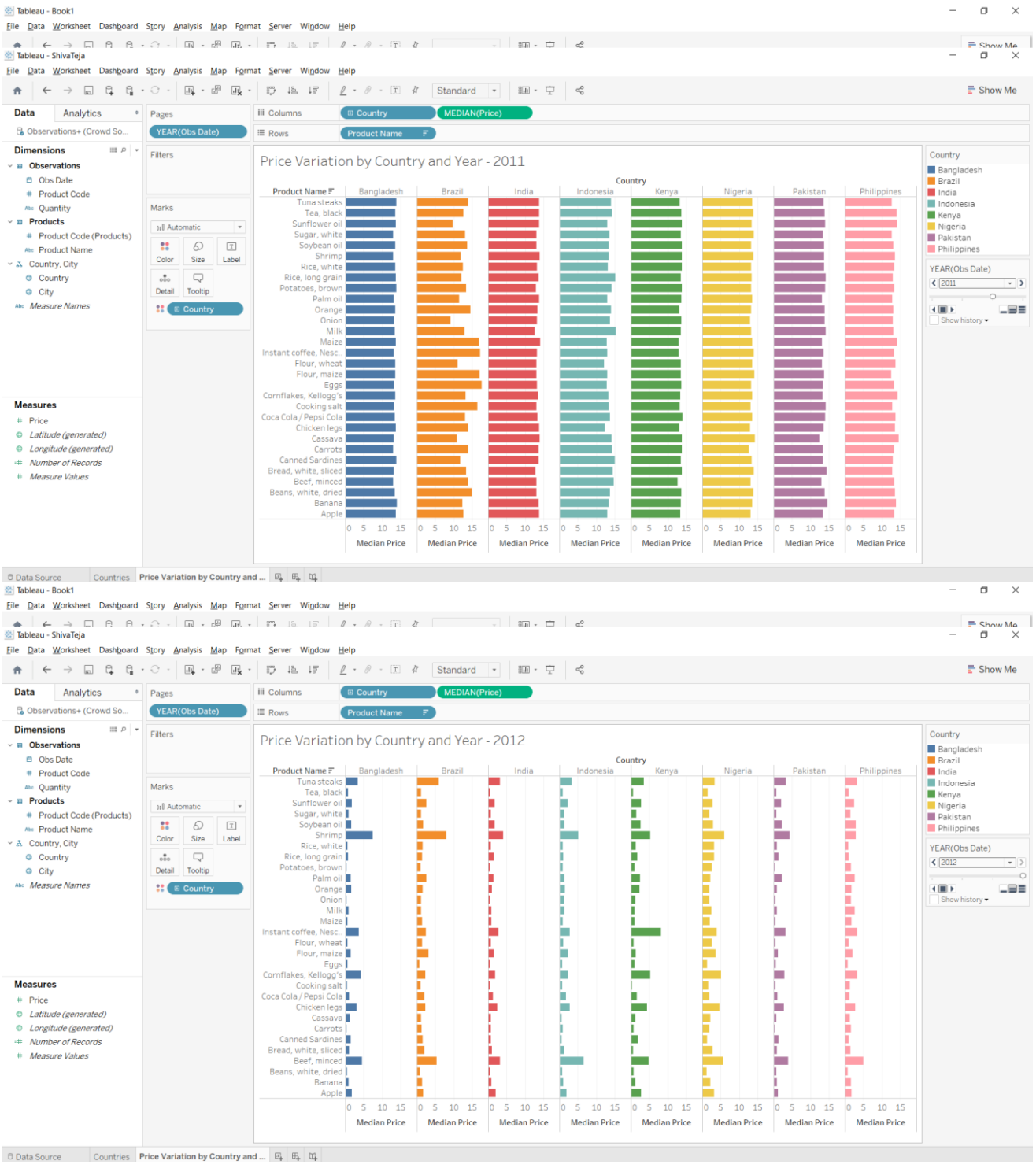
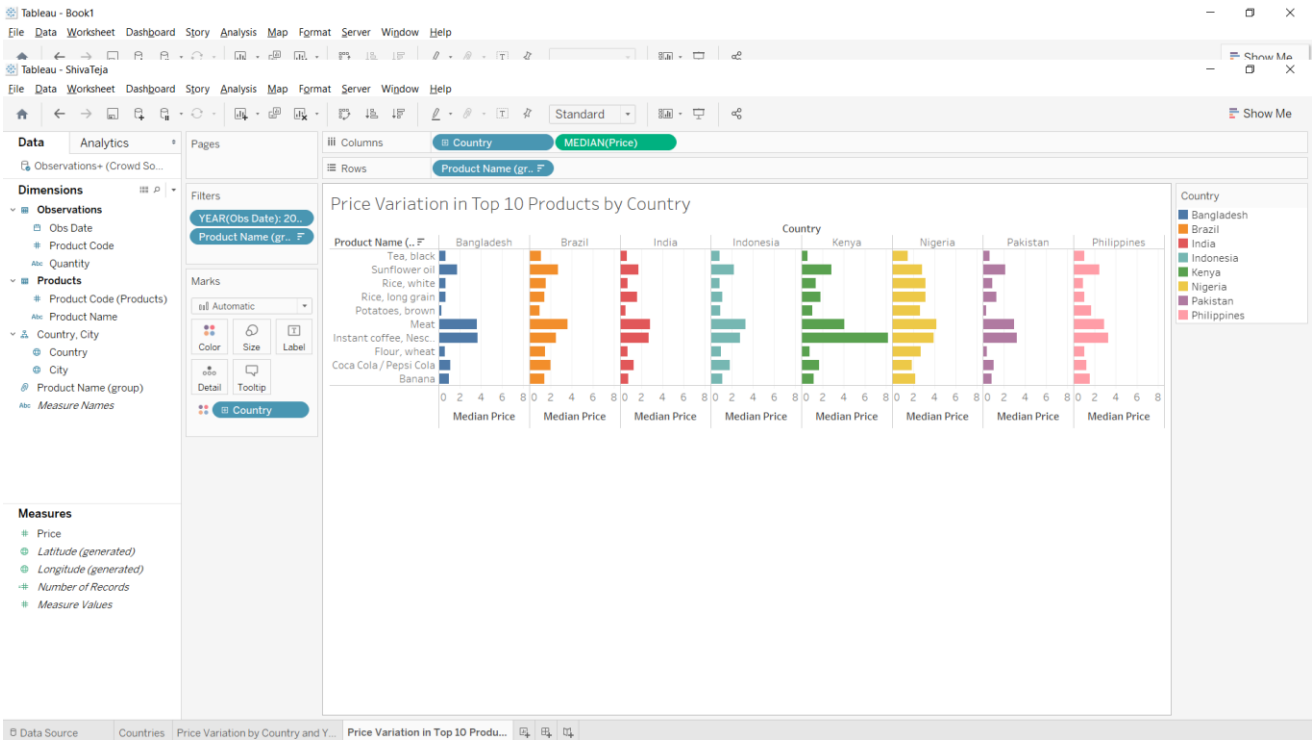


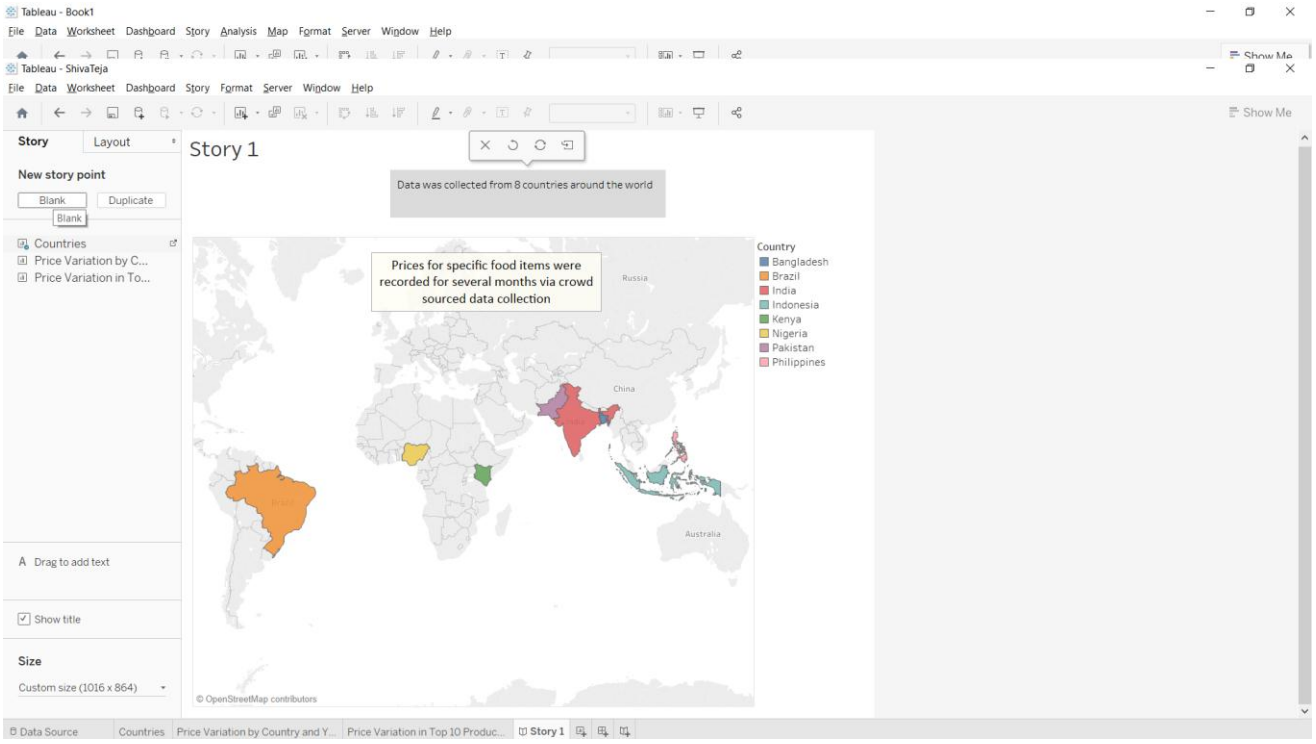
Tableau - Book1
Tableau - ShivaTeja
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
Pages
YEAR(Obs Date)
Filters
Marks
Automatic
Color Size Label
Detail Tooltip
Country
Columns
Country
MEDIAN(Price)
Rows
Product Name
Price Variation by Country and Year - 2011
Country
Bangladesh Brazil India Indonesia Kenya Nigeria Pakistan Philippines
Product Name
Tuna steaks
Tea, black
Sunflower oil
Sugar, white
Soybean oil
Shrimp
Rice, white
Rice, long grain
Potatoes, brown
Palm oil
Orange
Onion
Milk
Maize
Instant coffee, Nesc
Flour, wheat
Flour, maize
Eggs
Cornflakes, Kellogg's
Cooking salt
Coca Cola / Pepsi Cola
Chicken legs
Cassava
Carrots
Canned Sardines
Bread, white, sliced
Beef, minced
Beans, white, dried
Banana
Apple
0 5 10 15
Median Price
YEAR(Obs Date)
2011
Show history
Dimensions
Observations
Obs Date
Product Code
Quantity
Products
Product Code (Products)
Product Name
Country, City
Country
City
Measure Names
Measures
Price
Latitude (generated)
Longitude (generated)
Number of Records
Measure Values
Data Source
Countries
Price Variation by Country and ...
Price Variation by Country and Year - 2012
2012

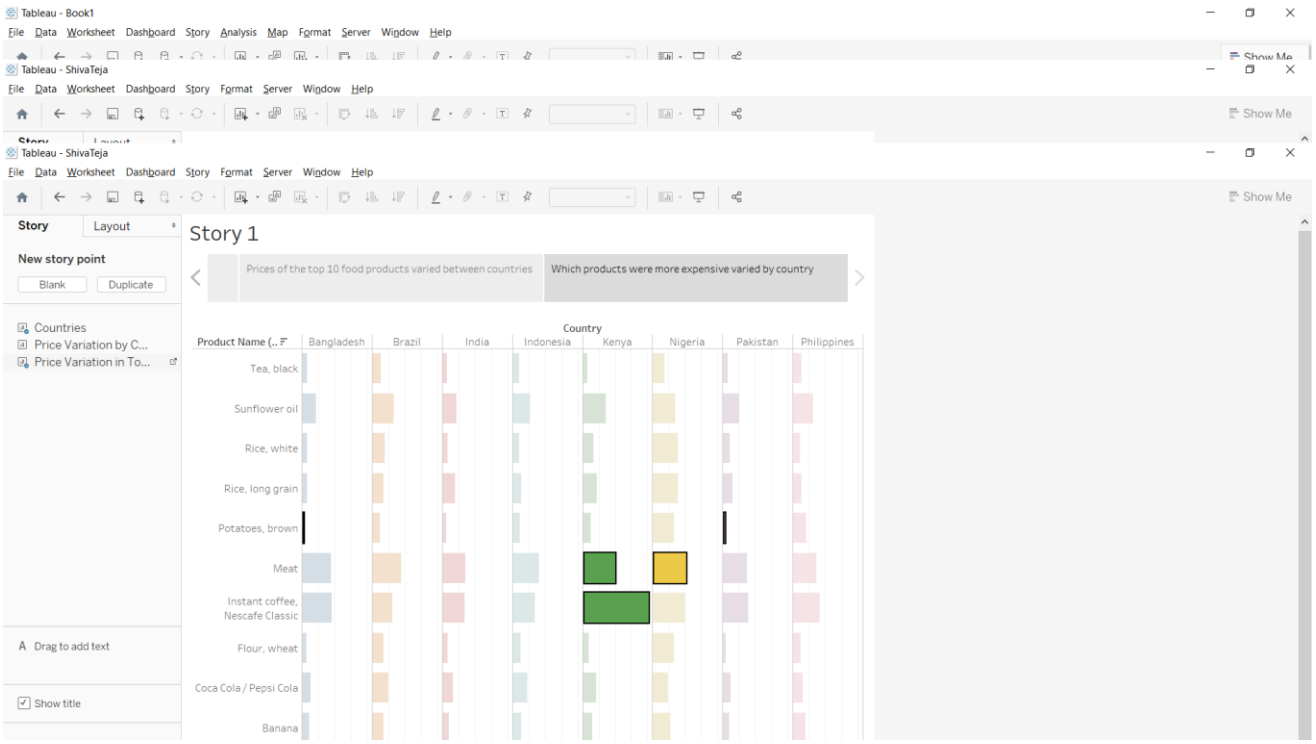
To analyze how much variation is there in product prices across each country



Nigeria dominate in product prices across top 9 products. When it comes to instant coffee and nescafe classic product, Kenya attains the highest price

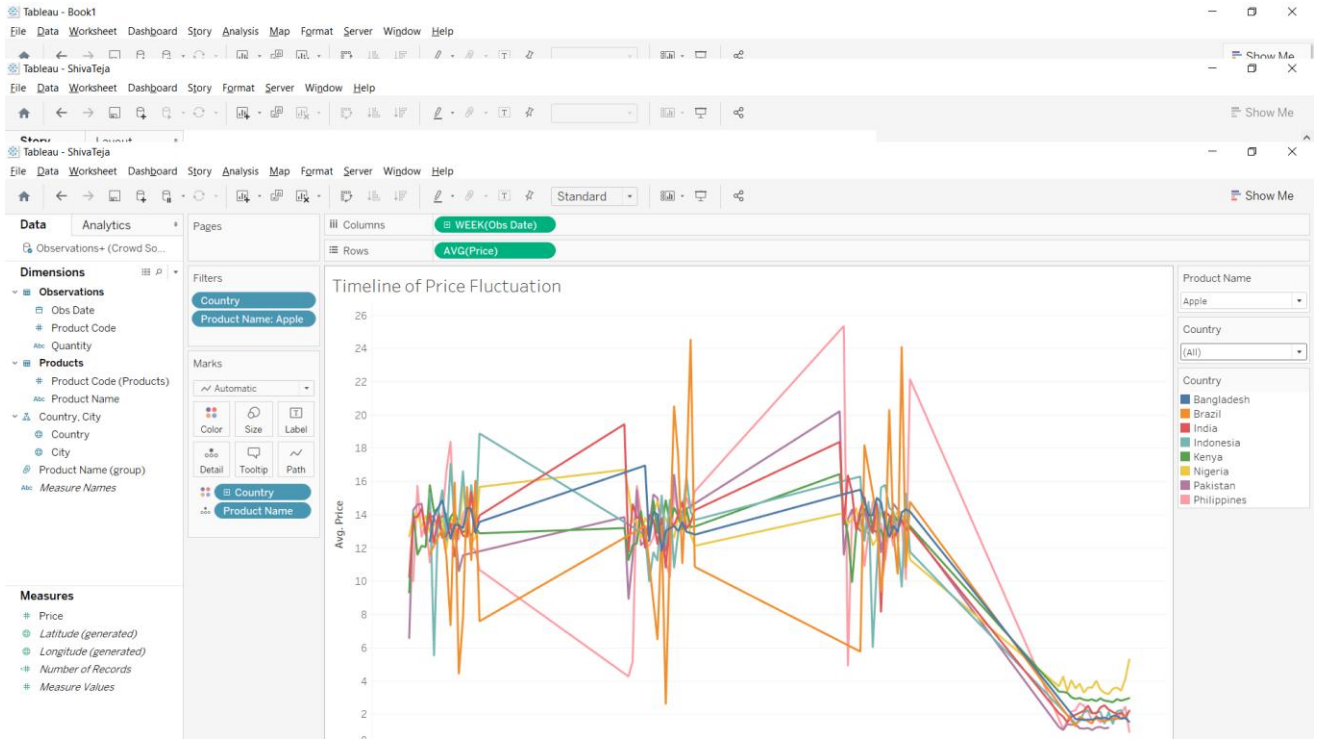
Story

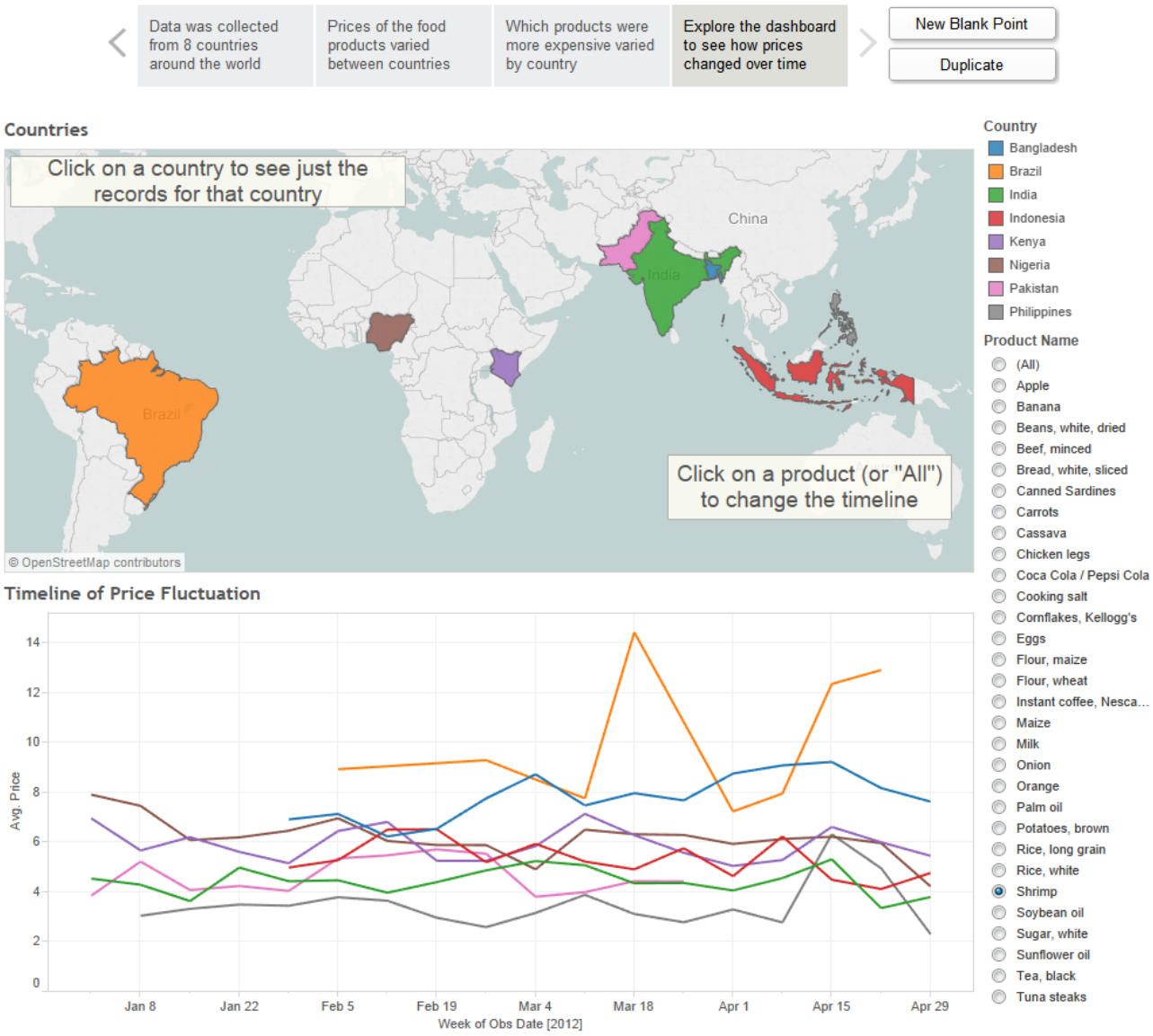




Kenya has maximum outliers with two outliers

Dashboards and Stories



There are price fluctuations

Back on the Story