# Week 5 Visualizations Activity

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Scatter Plot Explanation

The scatterplot shows me the country with most TV audience share for marketing purposes.

```
url <- "https://raw.githubusercontent.com/fivethirtyeight/data/master/fifa/fifa_countries_audience.csv"

fifa_data <- read.csv(url)  #Assigning the url to object

fifa_data <- subset(fifa_data, tv_audience_share > 4) #Creating a subset of data to give me greatest tv

soccer_data <- select(fifa_data, country, tv_audience_share, gdp_weighted_share)

ggplot(soccer_data, aes(x = country, y = tv_audience_share)) +geom_point(shape = 21, colour = "black",
```
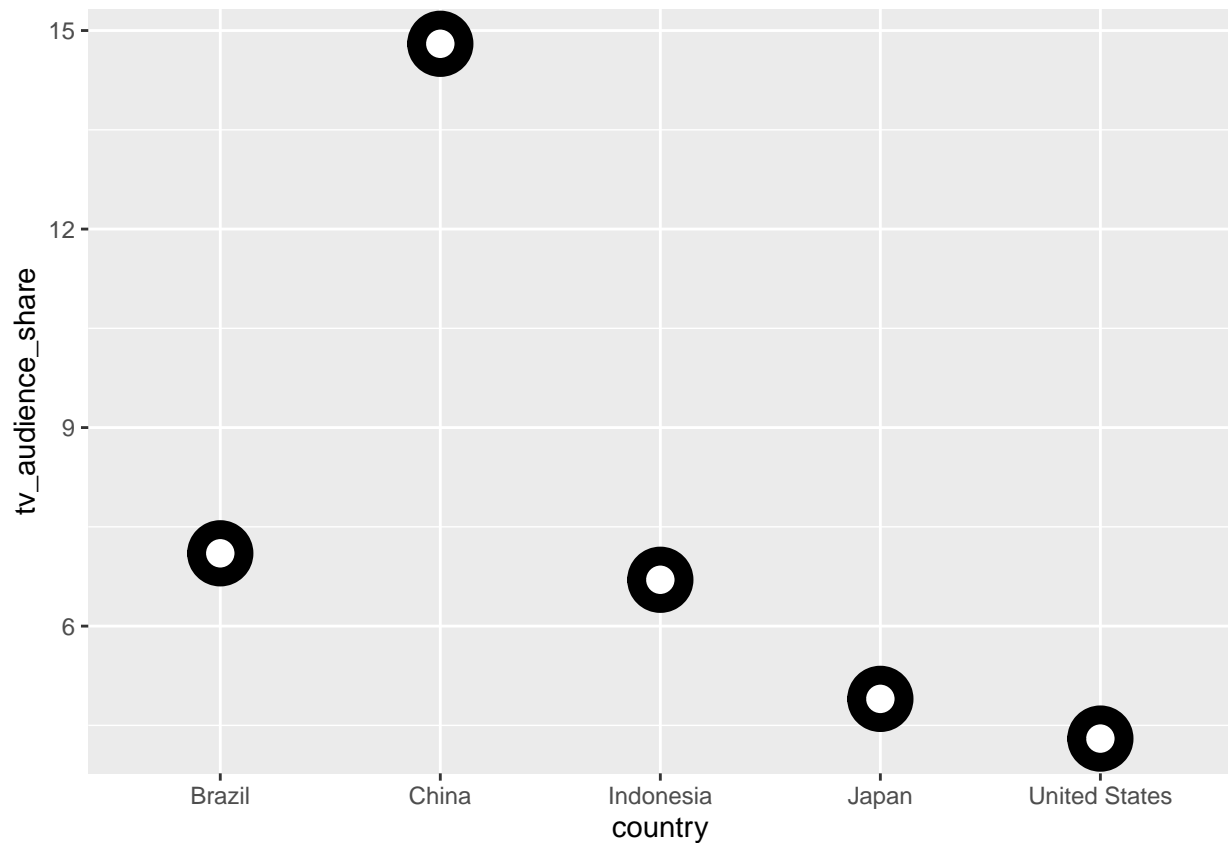
Histogram Explanation

The histogram explains even if the tv audience share is greater in some countries, countries with higher gdp maybe more profitable for marketing. Since, people have higher income to spend more for merchandise. The countries which will give the best ROI is USA, China and Brazil.

```
# Creating a histogram,
ggplot(data = fifa_data) + geom_bar(mapping = aes(x = country, y =gdp_weighted_share), stat = "identity
```