

# **Is there a link between host country and total number of medals won?**

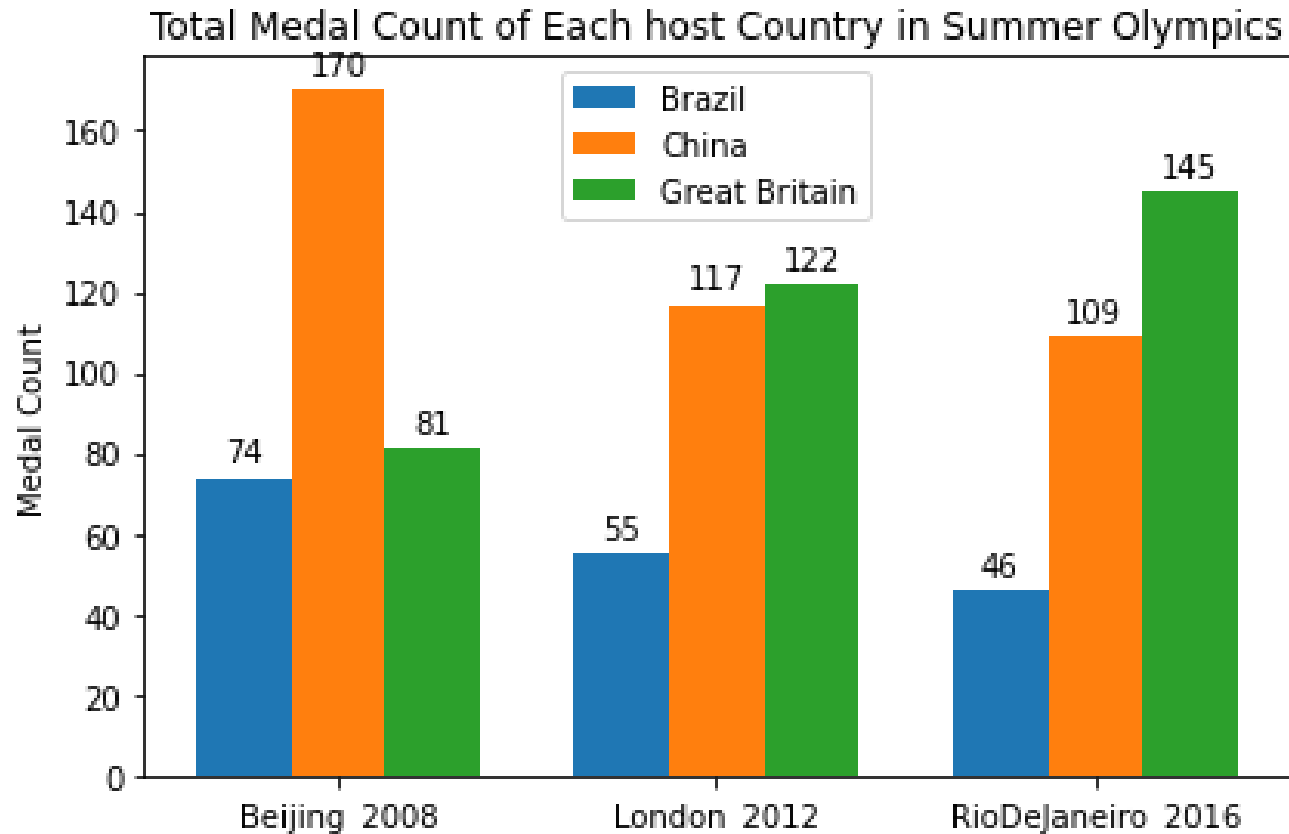
Kaggle Dataset cleaned by colleague

- Summer Olympics Data only
- Data from Olympics in Beijing 2008, London 2012 and Rio 2016

Challenges/Insights

- How much many previous years should I use to answer the question?
- Unable to find data from 2021 Olympics?
- Focus on one type of sport or all sports?
- How to visualise my analysis, bar chart or correlation heatmap, however data would have 2D
- - Focusing on all sporting events would give more reliable analysis.

## Is there a link between host country and total number of medals won?



- Team GB and Team China both had the highest medal count when the Olympic games was hosted in their country.
- This is a positive correlation.
- Team Brazil did not do better than the other 3 teams when the games where hosted in their home country.

### Things which may have impacted the results?

- Teams that hosted the games may have had more team members present due to less potential problems e.g. travelling/ visa issues.
- Population sizes of each team
- The support of being on their home turf may impact their performance. More support- Better results.
- This is further analysis that could be done at a later date.