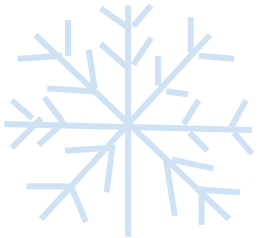


# *The Winter Olympics*

Sita Robinson



## *Introduction*

- Dataset: The Winter Olympics
- Source: data.world  
(<https://data.world/makeovermonday/2018w7-the-winter-olympics>)
- File format: Excel file (.xlsx)
- Size of data: 2865 rows (not including labels) and 9 columns
- Columns: Year, Sport, Event, Country, Gender, Medal Rank, Medal, Name of Athlete or Team, Age of Athlete
- Missing values are only in the Age of Athlete column around 692 rows have missing values for the age.
- The winter olympics occur every 4 years the data includes 1924 to 2014. The winter olympics first started in 1924.

## *Purpose*

- To see in this dataset who has won the most medals, number of events, sports and more information about the Winter Olympics data.

# *Visualization Layouts*

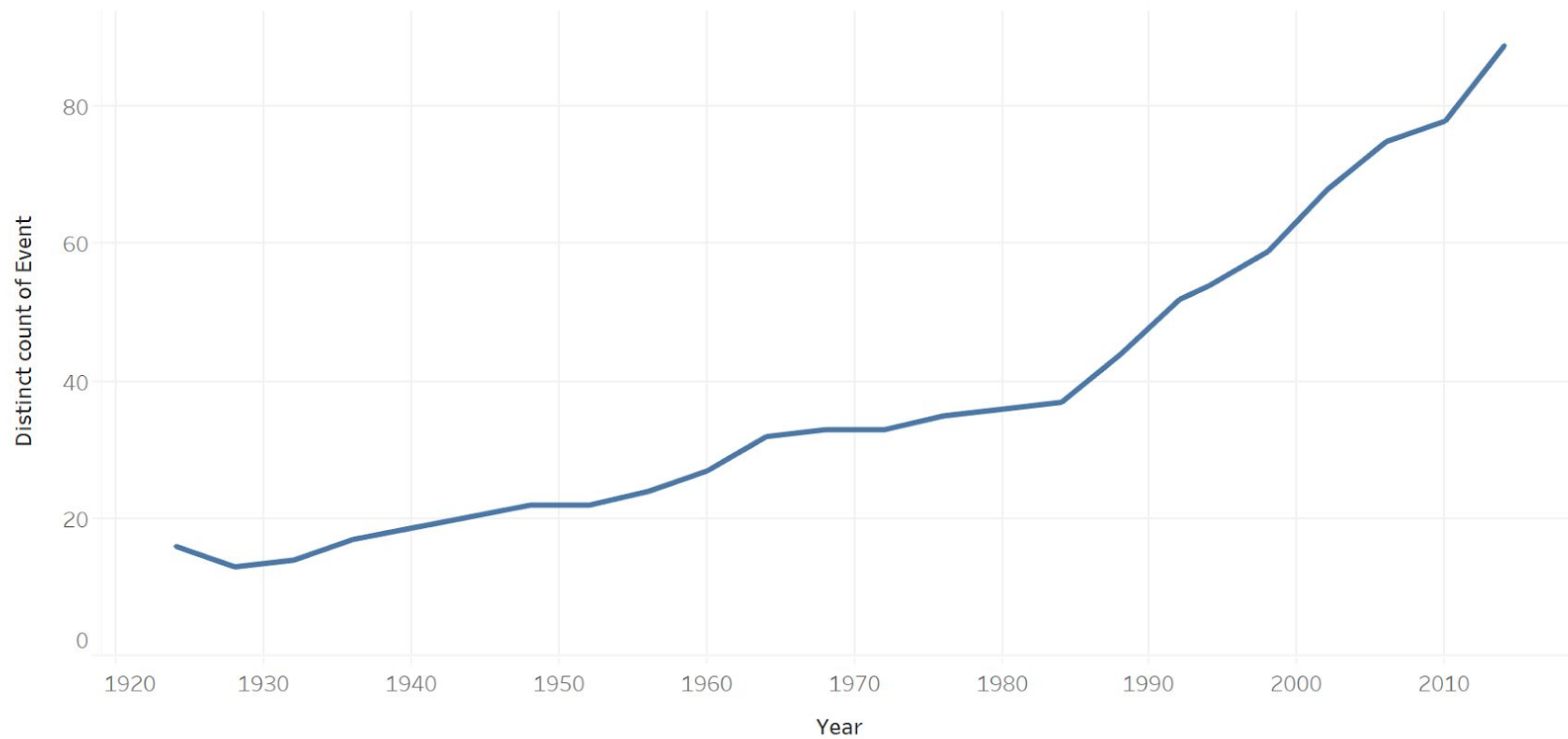
## Tableau

- Horizontal Bars
- Geographic Maps
- Line Graphs

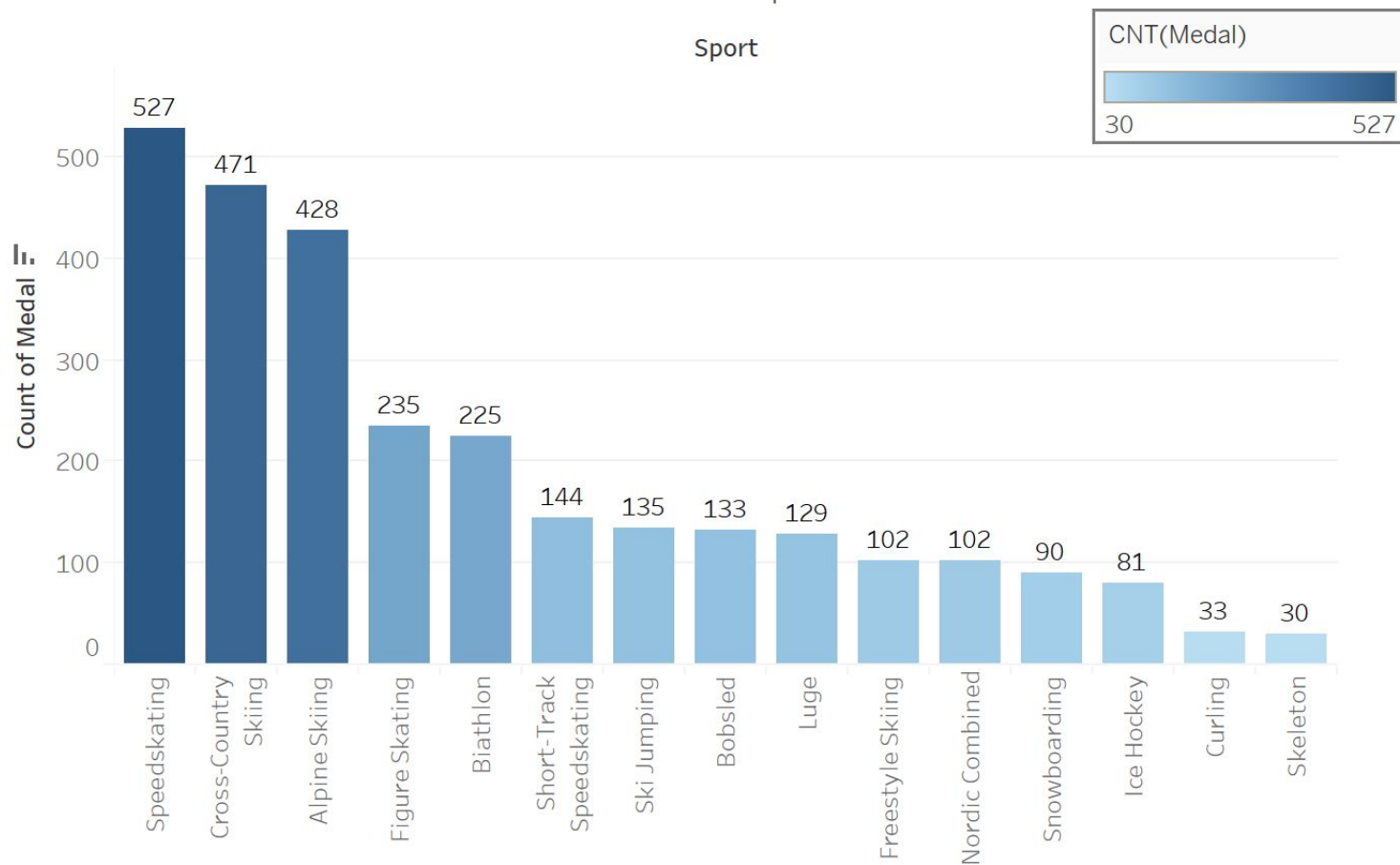
Possibly more...

A blue diagonal bar is located in the bottom-left corner of the slide, extending from the left edge towards the center.

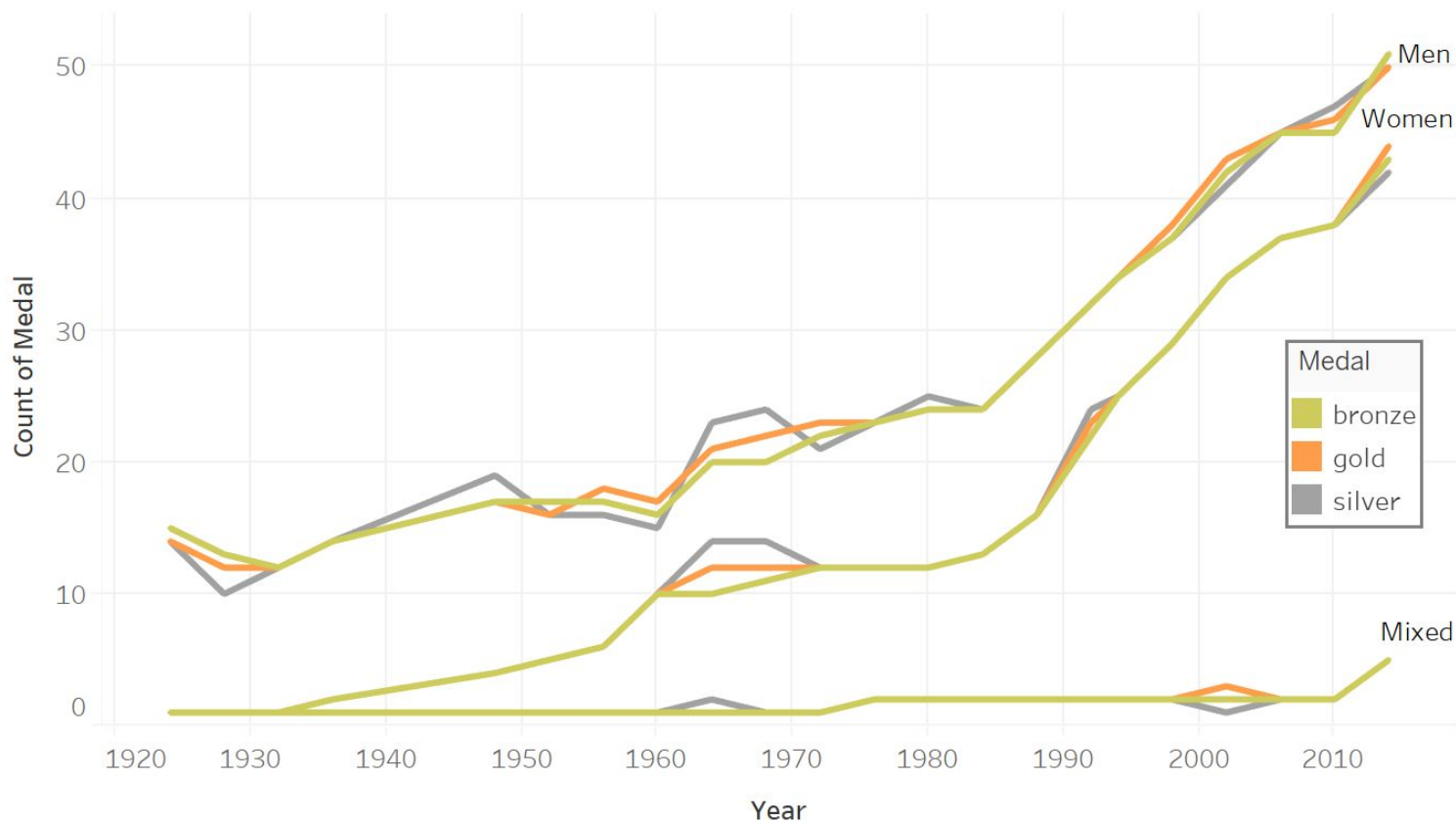
# Number of Winter Olympic Events over the Years



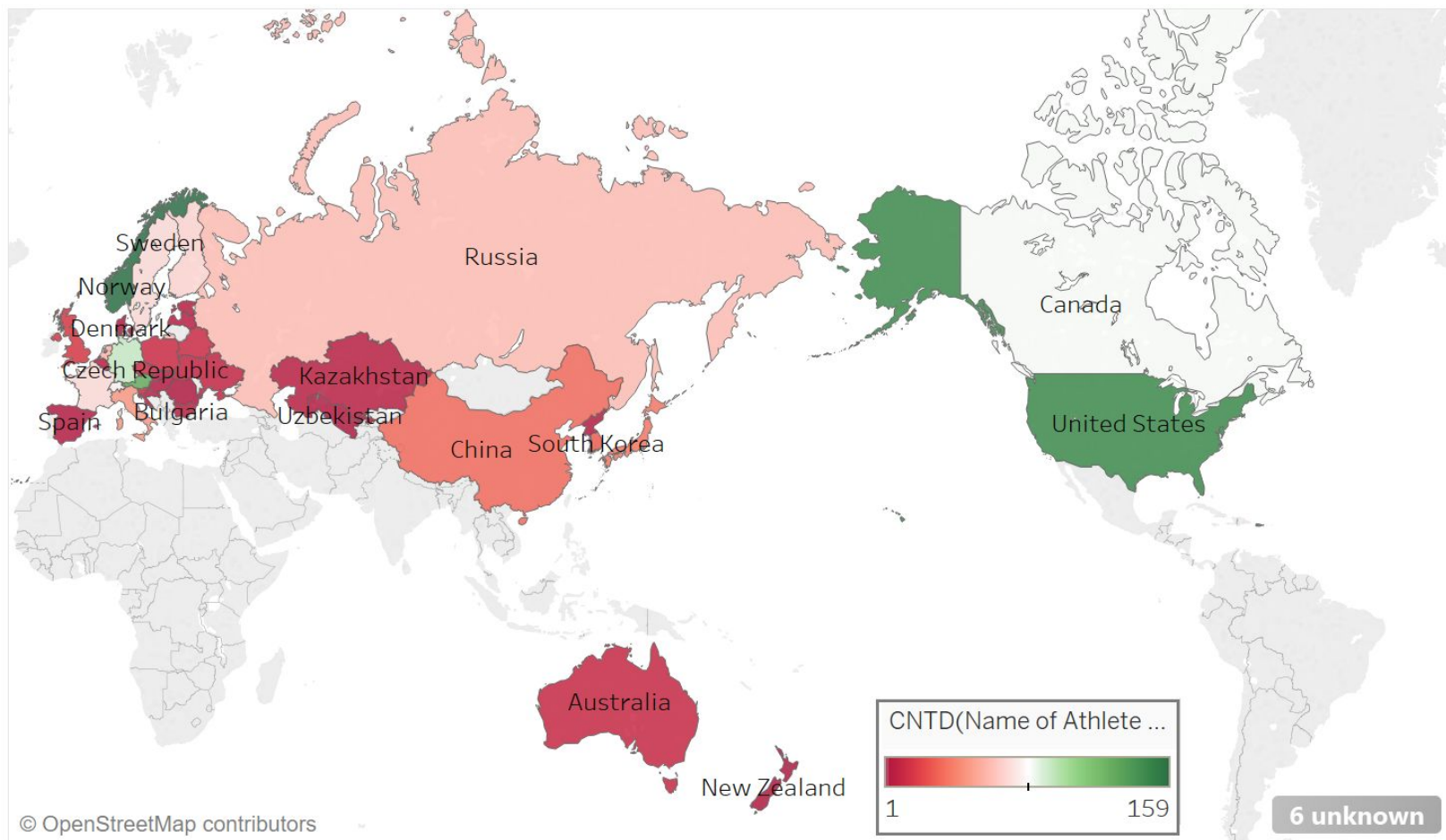
## Total Medals Won Per Sport Over All Years



## Number of Gold, Silver, and Bronze Medals Won by Gender from 1924-2013

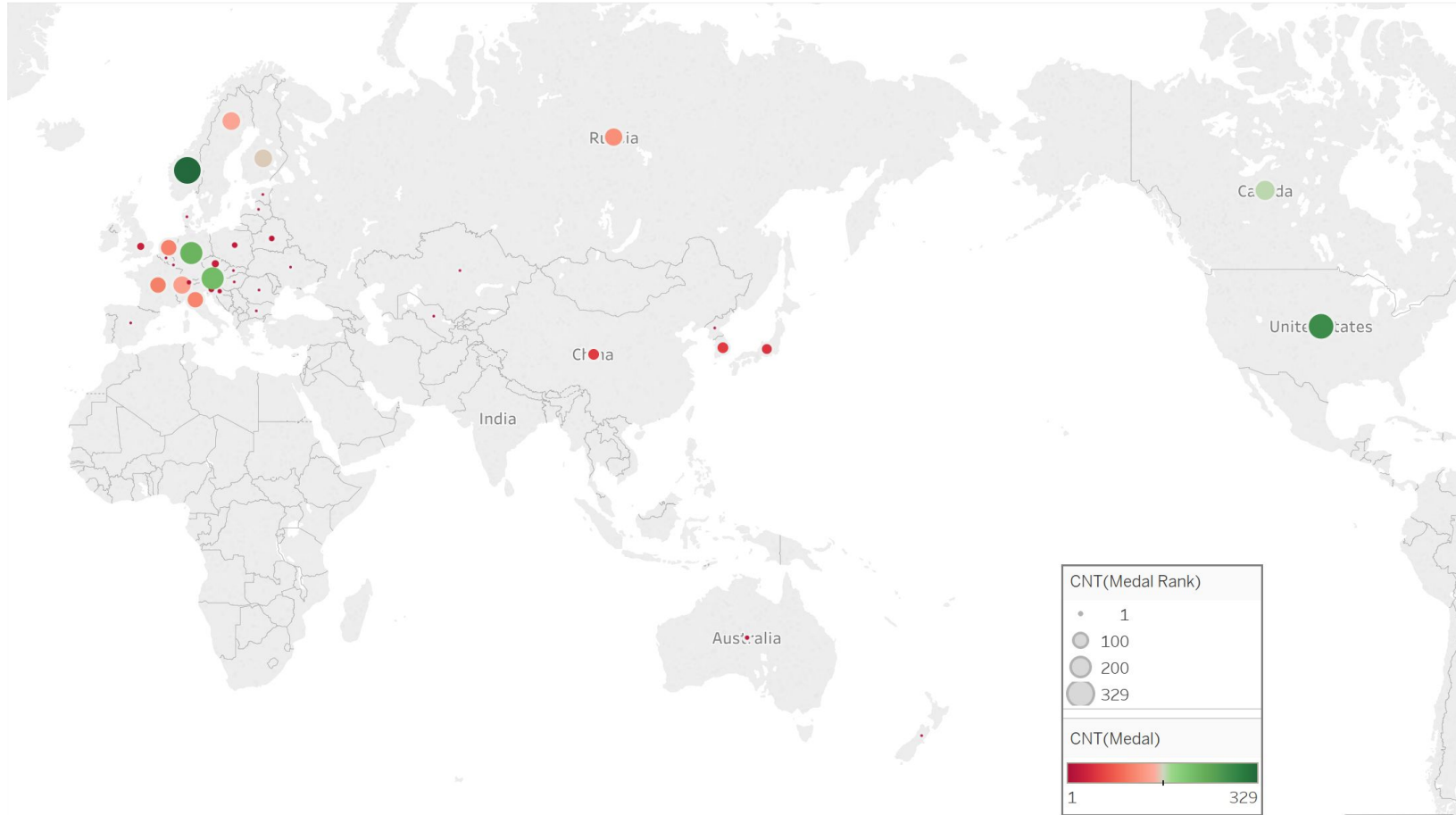


## Number of Athletes/Teams from Each Country from All Years



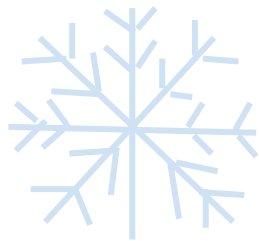


## Number of Metals Won Per Country



## *Lessons Learned*

- Need to match users mental model when designing visualizations
- Simplicity is better than complexity
- Pick datasets with a story that you are interested in
- Need to check for any weird values and fix them
- Check for nulls and mention them
- Geomaps can display the same information in a lot less space.
- Remember that the dataset is just a sample of the population



*Thanks for Listening!*

