

IMSE 586

Big Data & Visualization

Homework 1

Honor Code: "I have not given nor received any aid on this assignment" - Suresh Ooty

Note : I had difficulties in uploading the Tableau files Tableau public. Hence I am submitting the snapshots.

The next three snapshots are Dashboard A, B & C. They are arranged vertically for better readability.

USA Gold
Medals - 2004



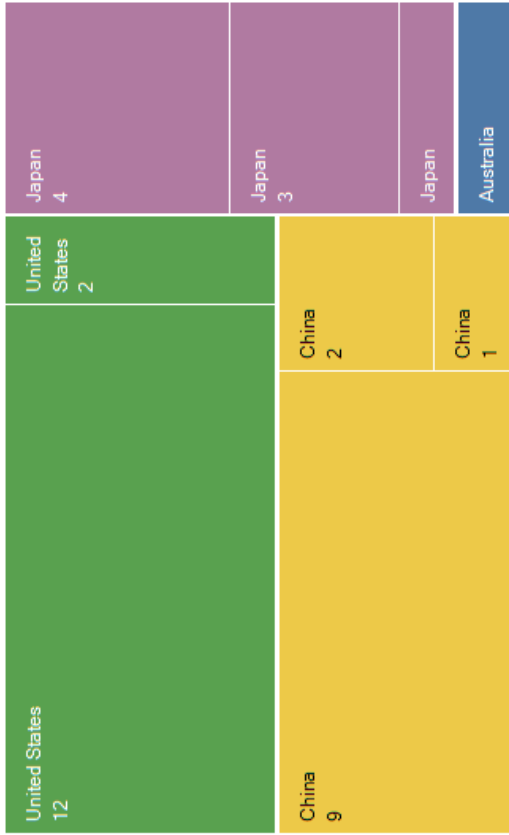
2012: Athletes (15-17) Performance



Athlete and sum of Total Medals. Color shows details about Athlete. Size shows sum of Total Medals. The marks are labeled by Athlete and sum of Total Medals. The data is filtered on Year and sum of Age. The Year filter ranges from 2012 to 2012 and keeps Null values. The sum of Age filter ranges from 15 to 17 and keeps Null values.

Age
15 to 17
and Null values

2012 Missed Golds



Country and sum of Silver Medals. Color shows details about Country. Size shows sum of Silver Medals. The marks are labeled by Country and sum of Silver Medals. Details are shown for Sport. The data is filtered on Year and sum of Gold Medals. The Year filter ranges from 2012 to 2012 and keeps Null values. The sum of Gold Medals filter ranges from 0 to 0 and keeps Null values. The view is filtered on Country, which keeps Australia, China, Japan and United States.

Country
Australia
China
Japan
United States

20-73 Medals in a sport					
Year of Clos...	Country	Gymnastics	Swimming	Volleyball	Waterpolo
2000	Russia			24	25
	Australia		31		
	United States		43		
2004	Russia			22	
	Australia		23		
	United States		49		
2008	China	20			
	Brazil			24	
	Australia		39		
2012	United States		49	24	26
	Brazil			24	
	Australia		20		
	United States		46		
Sum of Total Medals broken down by Sport vs. Closing Ceremony Date Year and Country. Color shows details about Country (group). The data is filtered on sum of Total Medals, which ranges from 20 to 73 and keeps Null values.					

Total Medals
20 to 73
and Null values