Olympic Data Analysis

Objective

Analyze the Olympic data containing all the information about athlete, medals won, sports played, etc.

Sample Datasets

Athlete, Age, Country, Year, Closing Ceremony Date, Sport, Gold Medals, Silver Medals, Bronze Medals, Total Medals
Michael Phelps,23,United States,2008,8/24/2008,Swimming,8,0,0,8
Michael Phelps,19,United States,2004,8/29/2004,Swimming,6,0,2,8
Michael Phelps,27,United States,2012,8/12/2012,Swimming,4,2,0,6
Natalie Coughlin,25,United States,2008,8/24/2008,Swimming,1,2,3,6
Aleksey Nemov,24,Russia,2000,10/1/2000,Gymnastics,2,1,3,6
Alicia Coutts,24,Australia,2012,8/12/2012,Swimming,1,3,1,5
Missy Franklin,17,United States,2012,8/12/2012,Swimming,4,0,1,5
Ryan Lochte,27,United States,2012,8/12/2012,Swimming,2,2,1,5

Format of Data

Athlete – Name of Athlete
Age – Age of Athlete
Country – Country of Athlete
Year – Year of Olympic
Closing Ceremony Date – Last date of Olympic
Sport – Sport participated
Gold Medals – No of Gold Medals
Silver Medals – No of Silver Medals
Bronze Medals – No of Bronze Medals
Total Medals – No of Total Medals

Problem Statements

1. No of athletes participated in each Olympic event
2. No of medals each country won in each Olympic in ascending order
3. Top 10 athletes who won highest gold medals in all the Olympic events
4. No of athletes who won gold and whose age is less than 20
5. Youngest athlete who won gold in each category of sports in each Olympic
6. No of atheletes from each country who has won a medal in each Olympic in each sports
7. No of athletes won at least a medal in each events in all the Olympics
8. Country won highest no of medals in wrestling in 2012