

Python Data Scripting Assignment

In the attachment ([medals.csv](#)) you will find the Olympic game (1986-2016) medal winners dataset (csv file) that contains data about Games, Year, Sport, Discipline, Athlete name, Team, Gender, Event, Medal, and three medal types (Gold, Silver, Bronze) columns.

We would like to ask you to:

1. Find the five athletes who won the most gold medals in Athletics
2. Find the five athletes who won gold medals in the largest number of different athletic events
3. If the olympics committee found guilty of doping the first and the third of the five athletes from question2, create a new medals.csv dataset with redistributed medals after the gold medals of those two athletes are removed.
Who then are the top five that won gold medals in the largest number of different athletic events?

Tasks:

1. Pick Python as your language, IPython Notebook as a computational environment
2. Import dataset and filter right information
3. Visualize the result
4. Present your findings

Outputs:

1. Link to a git repo the day before the interview
2. Presentation:
 - * Running code
 - * Approach, assumptions
 - * Results and visualizations