Group 7 Olympics Games Data Visualizations

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Our goal is to use the Olympics dataset from 1896 to 2016 for a user friendly experience to search number of metals won by each country, by sport and by year. We plan to load the csv into SQL for our database.

The report will have a dashboard page with multiple charts that update form the Olympics dataset.

The four parts to our project:

* Cleaning the data using pandas (i.e. removing duplicate country names)
* Uploading the csv file to SQL
* Creating the flask application
* Creating visualizations using javascript, D3, CSS and more

Data visualizations Options:

* Bar chart for countries for number of metals won (bronze, silver gold)
* Number of countries that participated.
* Number of female vs male athletes by country (line graph from 1896-2016)
* Pie chart to show percentage breakdown of how many athletes participated in each sport.
* Number of participants by country correlate to number of medals won (medal per participant)
* Number of medals by age

Github Repo:

<https://github.com/eodundo/Visualize-Me-Captain-Olympic-Games.git>

Where we are pulling our data from:

<https://www.kaggle.com/heesoo37/120-years-of-olympic-history-athletes-and-results>