Homework Assignment

* Work with the data sets: athlete\_events.csv and noc\_regions.csv.
* Do data preparation, make sure variables are in appropriate category and correct type. e.g. “Height” should be number type, and in Measure category; Data type of “Team” should be changed to “Geographic Role – Country/Region”.
* Create five worksheets a dashboard and a story for this assignment. Write a couple of sentences in the story. Save the .twb file as a proof of your work, and report your work in a PDF file, upload both for your submission.
* Ask a question, and analysis it with Tableau. (Hint: How the Olympics have evolved over time, including questions about the participation and performance of women, different nations, and different sports and events.)
* Apply the methods mentioned in class, includes
  + Connecting To Data
  + Joins And Data Preparation
  + Connecting Live Versus Extracting
  + Dimensions And Measures
  + Building Views
  + Quick Table Calculations
  + Crosstab And Exporting Data
  + Show Me
  + Custom Territories
  + Filters
  + Bar Chart
  + Hierarchies
  + Sorting
  + Grouping
  + Working With Marks
  + Trend Lines
  + Dashboards
  + Story Points
* Write a short paragraph to illustrate the question you ask, your analysis and your finding.

You can refer to this example online when doing your homework: <https://public.tableau.com/views/TableauHomeworkAssignment2-VisualizingMusicStoreSales_4/Introduction?%3Aembed=y&%3AshowVizHome=no&%3Adisplay_count=y&%3Adisplay_static_image=y>







