DESCRIPTIVE STATISTICS- WEEK 2

1. Provide a summary of the different descriptive statistics you looked at and WHY.

   I am attempting to analyze total participating countries and their performance so that we I may know which are those countries that performed better than others.
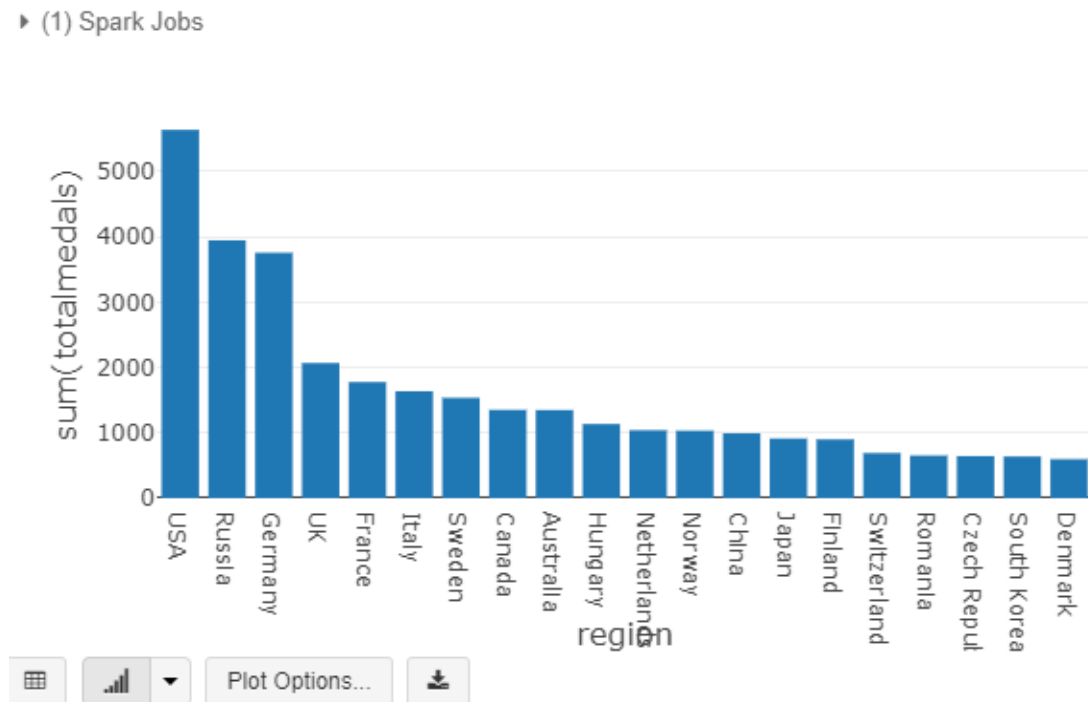
       i.   Total number of Medals won by different countries in the history of Olympics.

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	region	sum(totalmedals)
1	USA	5637
2	Russia	3947
3	Germany	3756
4	UK	2068
5	France	1777
6	Italy	1637
7	Sweden	1536
8	Canada	1352
9	Australia	1349
10	Hungary	1135
11	Netherlands	1040
12	Norway	1033

Top 20 medal Winner Countries

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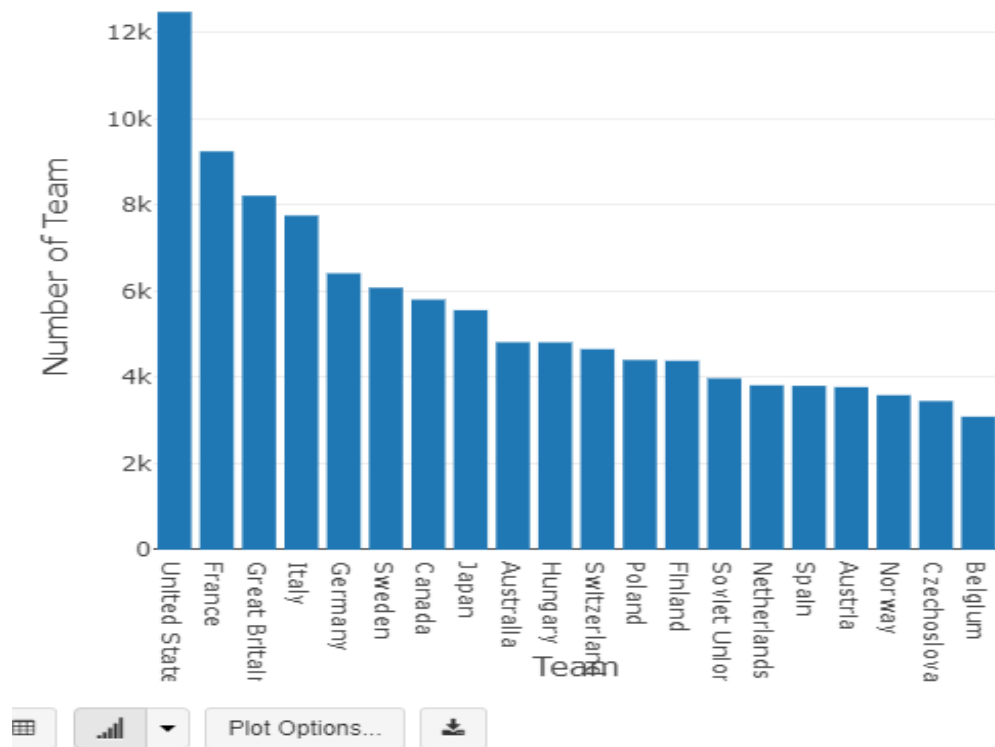ii.   Total Number of teams participated in the history of Olympics countrywise

▸ (1) Spark Jobs

	Team	Number of Team
1	United States	12479
2	France	9245
3	Great Britain	8216
4	Italy	7756
5	Germany	6415
6	Sweden	6082
7	Canada	5806

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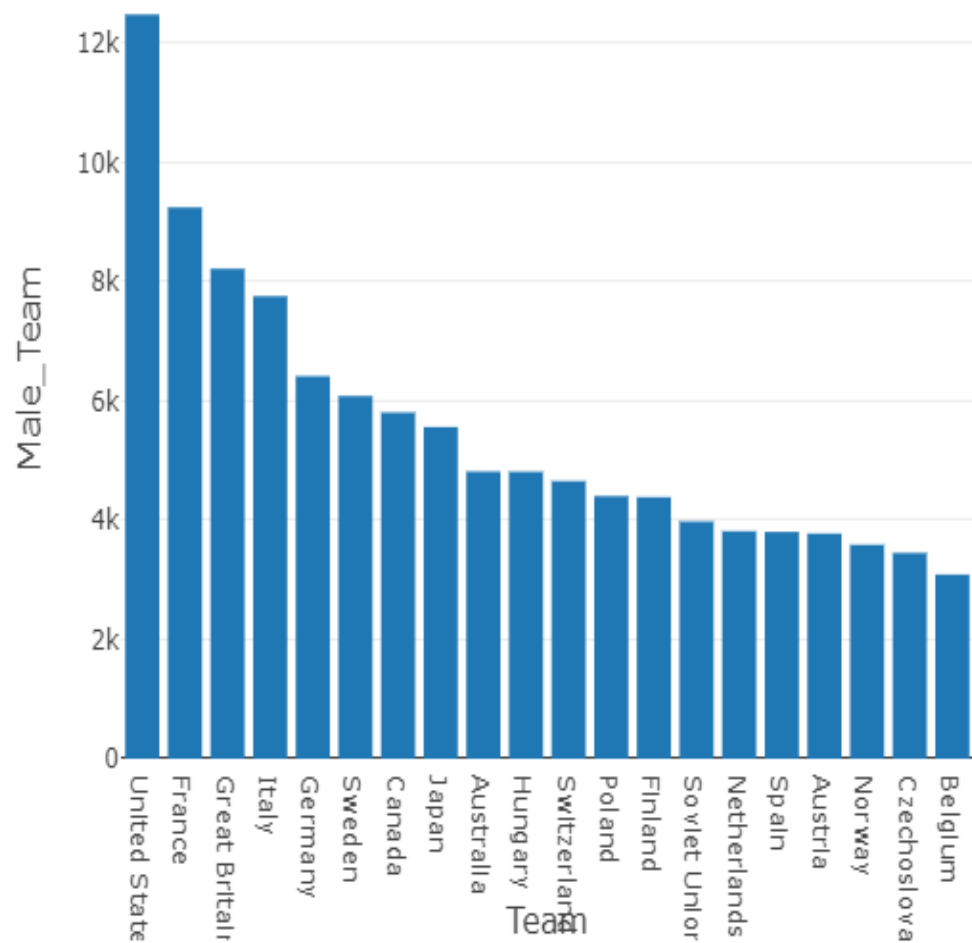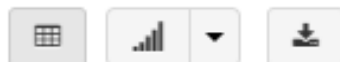Command took 3.89 seconds -- by vpv.828@gmail.com at 7/3/2020, 12:28:36 AM on Verma

Top 20 Participating countries

iii.   **Number of Male and Female participants in athlete events**
Top 20 Male athlete events

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	Team	▲	Number of Team ▲
1	United States		5368
2	Canada		3473
3	Great Britain		3188
4	Germany		2911
5	France		2743
6	Japan		2727
7	Australia		2697

Top 20 Female athlete events

▶ (1) Spark Jobs

	Team ▲	Feale_Team ▲
1	United States	5368
2	Canada	3473
3	Great Britain	3188
4	Germany	2911
5	France	2743
6	Japan	2727
7	Australia	2697

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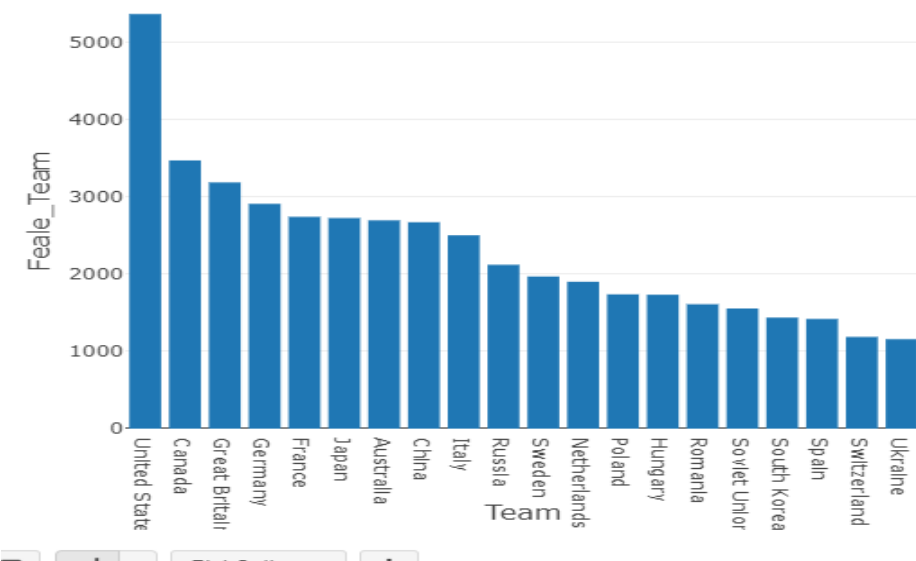
2. Submit 2-3 key points you may have discovered about the data, e.g. new relationships? Aha's! Did you come up with additional ideas for other things to review?

    a. There are more chances of winning more medals if number of teams participating is more.
    b. More number of medal are won by both male and female participants if their participation is more in number compared to others.
    c. I have to further look what is the cost of per participants per country and per event to establish relation.

3. Did you prove or disprove any of your initial hypotheses? If so, which one and what do you plan to do next?

    a. Initial hypothesis is relevant and proved.

b. I will analyze various types of medal won by teams and participants.
c. I will try to establish relation between cost per participant and his chances of winning.

4. What additional questions are you seeking to answer?

   a. Women Olympic sports and participation of women in them- Countrywise performance.Top 20 performers.
   b. Women participation in Olympiad. Countrywise, Individualwise performance. Top 20 performers.
   c. Analysis of Women participation in winter Olympics.