Visualization of the Olympic Data Set

In this datavisualization of the olympic data set, I intend to compare and contrast the total amount of medals each country has won, what sports those medals were won in as well as what countries actually participated in each sport. All of this data will also be compared with the year of the olympics. The goal of this visualization is to see what sports Canada is best at and how we rank against the other top competing countries.

After analyzing the data I found that in total the USA and Canada have won the most medals to date however, european countries and mainly Russia have been close contenders and for years there has been a back and forth competition between these countries. We can also see that during the early 1900s there were very few countries actually competing in the winter olympics and some sports, such as curling, that didn't appear until almost the 2000s.

With all of this in mind, the best way to represent this data was to create four separate charts. The first chart I wanted to broadly compare the top counties' medal counts and where Canada stands among them. The second chart shows the breakdown of how many medals were gold, silver or bronze This showed us that Canada wins a lot of gold medals, especially since the 1998 Olympics. From there I wanted to see what sports these medals were won in. More than 50% of medals were won in hockey, no wonder we are known for being great at it. One thing to consider was that there are large teams of hockey players and therefore that brings the medal count up significantly when they win a match. With that in mind I wanted to do a final comparison between Canada and all other countries that have won medals in hockey and see how we hold up. Again, you can see that we are overwhelmingly the best at hockey, leading by almost 150 medals in the sport.