

# Interactive Data Visualization Project Diary

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## Week3

This week I did not get as much done as previous weeks, which is why I am also turning the learning diary in late. I did not add much new to my application but instead tried to enhance the already existing parts. I added some CSS to make the application look nicer. I also changed the filtering methods which used radio buttons into check boxes because it made the interface more simple. Radio buttons are used to have one option checked, so previously, I needed 3 buttons to showcase, for example, either all teams, teams from the Eastern conference or teams from the Western conference. Now, I have two check boxes: East and West which are both initially checked to showcase all the teams.

To the main scatter plot showcasing all the teams, I added lines for both offensive and defensive rating showcasing the average so that it is easy to quickly get an idea about how the teams are distributed in terms of offense and defense. I also set the axes of the plot to have set values which makes the toggling of filters smoother because the scale is not jumping around. Of course, you can still move it around if you wish. The previous implementation is showcased in Figure 1 and the enhanced implementation in Figure 2.

I started creating the logic for selecting a team from the scatter plot by clicking on their icon. Currently, the application allows selecting a team but only showcases the name of the selected team. My next step is to add further information and statistics about the selected team to my application.

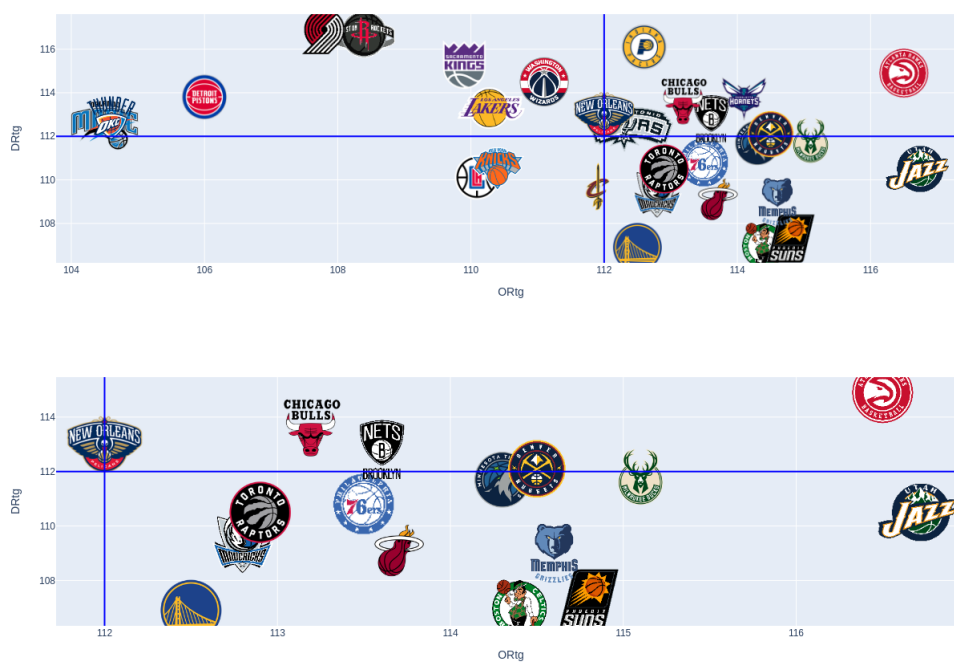


Figure 1: Previously, first showcasing all teams and then filtering for only teams that made the playoffs.

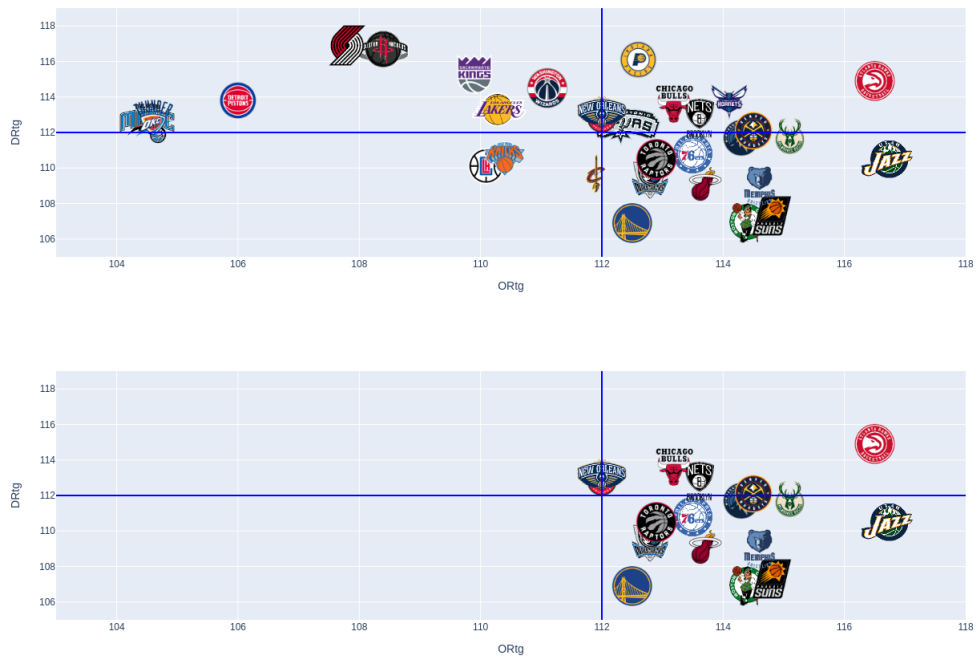


Figure 2: Currently, first showcasing all teams and then filtering for only teams that made the playoffs.