

<https://jsfiddle.net/4wqxvpge/4/>

For this viz, I take inspiration from [this Kaggle kernel](#). I want to see if position of players are predictive from the height and weight of the players. The task would fall under discover and identify. Targets are all items. (cite: visual encoding, slide 5)

Visual encoding:

I pick bar chart for this task.

- Marks: points
- Channel: position (both), color

The x and y positions are mapped from weight and height of the player. I use position channel as it is the most effective to show quantitative attributes. The color channel (color hue) is mapped to the play position of the player, as it is very effective in showing nominal attributes. (cite: tasks, slide 8)

From the plot, we can see a boundary between the positions based on height and weight. We see similar colors form clusters (red and dark yellow-ish are very good clusters; pink, orange, and blue overlap, but still differentiable). (Although hard to see in my viz)

As described above, I used color channel to show the positions. I picked color as it is easy to spot clusters in the plot. I did not pick shape as there are a lot of positions, and would be confusing.