More Charts & Graphs: Scatter Plot

Scatter Plot

The scatter plot, also known as a scatter diagram, scatter chart, scattergram, or scatter graph, is useful to compare two different measures for patterns. It is useful when showing relationships with various data points. We will delve deeper into this topic in Unit 3 when we speak about correlations. The big difference with a scatter plot is that both axes in the chart are measures rather than dimensions.

In Figure 1 below, we're examining the height and weight measurements of NBA players (Weight is on the x-axis and Height on the y-axis).

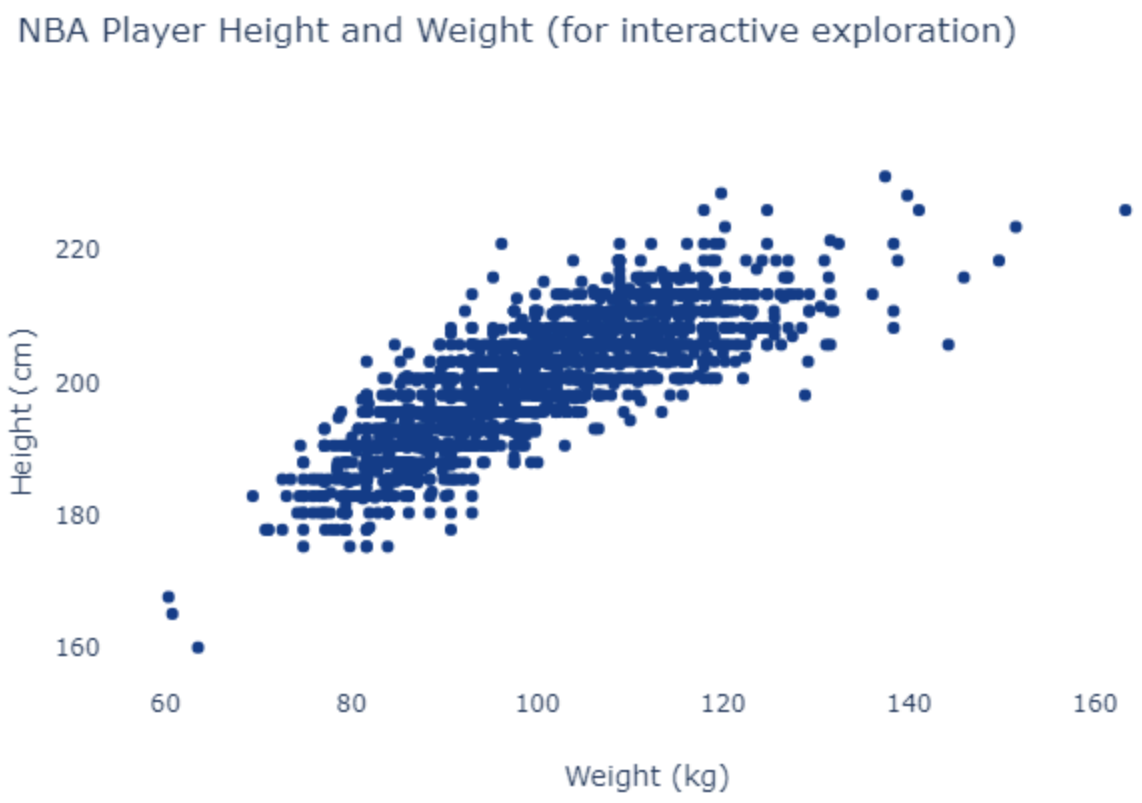

Figure 1: A basic scatter plot.

(/)

bit and look at the height and weight of NBA players over the years. The results are shown in Figure 2 below:

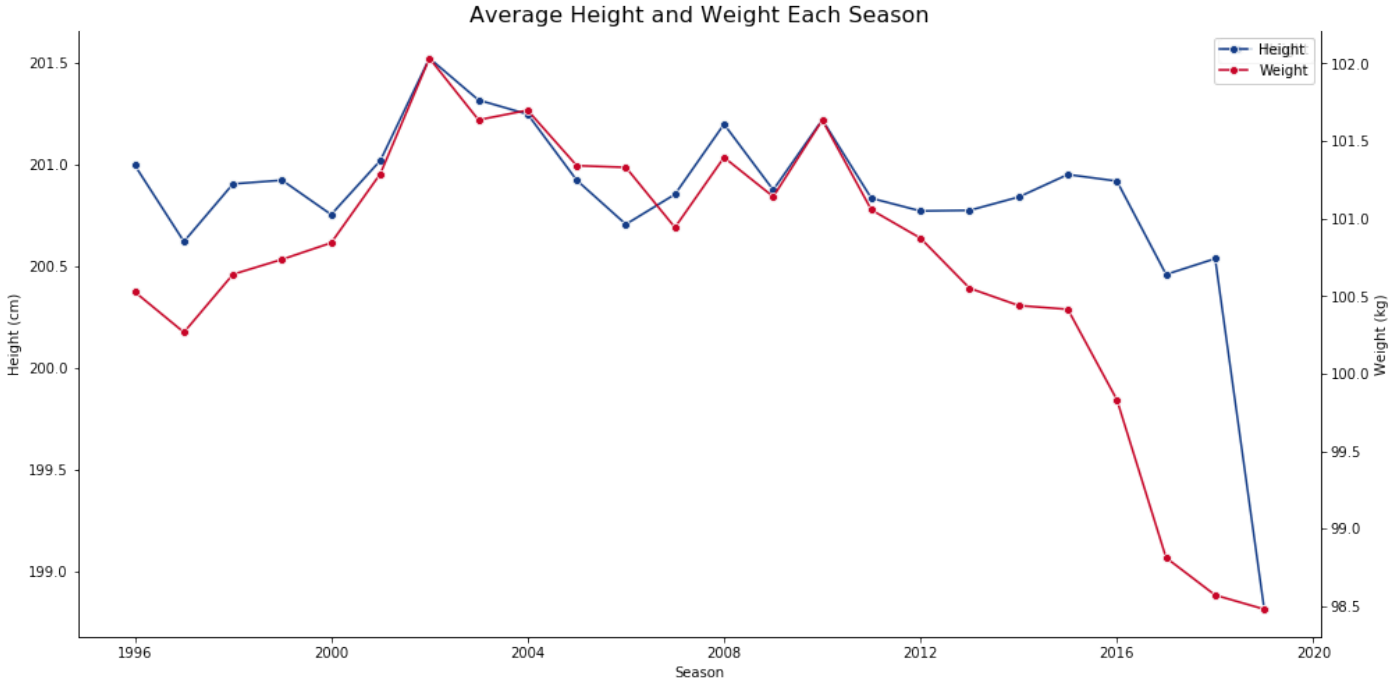

Figure 2: The scatter plot over time.

Over two decades, the weight and height of NBA players dropped. This scatter plot shows evidence of how the bodies of NBA players have changed over time. We can attribute this trend to basketball becoming a much faster, and more perimeter-oriented game, so it makes sense that players are getting leaner. Below is how you make a scatter plot:

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XY Scatter Plot in Google Sheets

References:

1. https://youtu.be/ImswjwF35mE

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