

## Using Box Plots Card 1

Visit the following site to gather information.

<https://dasl.datadescription.com/datafile/dairy-sales/>

Create a box plot on the number of ice-cream sales customers complete over the year. Answer the following questions.

1. Approximately what is the median amount of ice cream eaten?
2. What is the interquartile range for the amount eaten?
3. Which months had the most amount of ice-cream eaten?

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## Using Box Plots Card 3

Visit the following site to gather information.

<https://dasl.datadescription.com/datafile/iq-brain/>

Create a box plot to describe the size of the brain in pixels.

Create your own questions regarding the median and interquartile range. Share your questions with your friends to see if they can answer them.

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## Using Box Plots Card 2

Visit the following site to gather information.

<https://dasl.datadescription.com/datafile/grocery-prices/>

Create a box plot of the prices of the different products.

Answer the following questions.

1. What is the first quartile for the popular television commercials? What is the median, and the third quartile. The interquartile range is when you subtract the first quartile from the third. Calculate the interquartile range. What does this actually represent?

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## Using Box Plots Card 4

Visit the following site to gather information.

<https://dasl.datadescription.com/datafile/hot-dogs/>

Create 3 box plots on the number of calories for each type of hot dog, beef, meat, and poultry.

Answer the following questions.

1. How does the calorie content median of each type of hot dog compare?
2. What are the outliers for each type of hot dog?
3. If you are being calorie conscious, but also aware of your salt content, which type of hot dog would you choose?

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