AQ1.3: Activity Questions 3 - Not Graded

**This assignment will not be graded and is only for practice.**

***1 point***

In the **“Scores”** dataset, we are interested in finding the number of females from Chennai. Which of the following statements are true? [It is a Multiple Select Question (MSQ)]

We can find the count in a single iteration using a combination of filters

We can find the count in two iterations. But the order in which the filters are used affects the result

We can find the count in two iterations. The order in which the filters are used does not affect the result

***1 point***

We wish to compare the performances of boys and girls in mathematics. What is a good metric to decide which of the two groups is doing better?

Average mathematics marks of the group

Maximum mathematics marks of the group

***1 point***

Consider the following variables: **boyCount, girlCount, boySum** and **girlSum**. They have the same meaning as used in the lecture. Which of the following statements expresses the average mathematics marks obtained by all students in the dataset?

(**boySum** / **boyCount**) + (**girlSum** / **girlCount**)

(**boySum** + **girlSum**) / (**boyCount** + **girlCount**)