

I can describe what happens in the Filter stage

In the filter stage, a section of data is selected to focus on to represent.

Define & give an example of a primary data source

The number of steps I take a day.

I can describe what happens in the Refine stage

In the refine stage you review your visualization and make simple edits to make sure your visualization can be properly interpreted.

Describe the relationship between the Represent and Filter Stage

The filter stage is where you select the data that will be present in your representation.

This chart type allows you to compare values

Line chart

List the advantages of filtering data before mining

By filtering the data before you mine, you will have less data to mine, and problems due to outliers are less likely to occur.

Describe the relationship between the Represent and the Critique Stage

The representation made in the represent stage leads to receiving critiques in the Critique stage, which then may be used to make a new representation.

List 4 basic statistics methods for describing data

Maximum, Minimum, Average, Median

Describe the relationship between the Critique and the Refine Stage

Critiques in the critique stage can give you improvements you can make in the refine stage.

List the advantages of mining before filtering data

You can understand the value of all the data before you select data to focus on.

List the stages of visualizing data (covered in class)

Acquire, Parse, Mine, Filter, Represent, Critique, Refine, Interact

Define & give an example of a secondary data source

A biography