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**Midterm Bingo**

1. This chart type allows you to comprehend the relationship between data sets.

**Column Chart**

1. Describe the relationship between the represent and the critique stage.

**The critique stage reviews the representation from the represent stage and finds any issues along with calling out things the representation does well.**

1. List the advantages of mining before filtering data.

**Mining before the filtering stage will lead you to better data to filter. It will also let you see the averages, ranges, etc. of the data to filter.**

1. List the advantages of filtering before mining data.

**The data in which you must calculate will be smaller and more fitting for the data that you are looking for.**

1. I can describe what happens in the represent stage.

**In the represent stage you take the data and create a visualization that makes the data easy to read and understand.**

1. Describe the relationship between the represent and filter stage.

**The data in which is represented usually consists of the data that is left after filtering out unwanted data.**

1. I can describe what happens in the filter stage.

**In the filter stage you take data and move it out of the dataset, but not delete it, so that the data you are looking for is easier to find and read.**

1. List the stages of visualizing data

**Acquire, filter, mine, parse, represent, critique, refine.**

1. I can describe what happens in the mine stage

**During the mine stage you use mathematical process to find information about the data like averages, ranges, etc.**

1. Describe the relationship between the represent and the acquire stage.

**The represent stage is representing the data found in the acquire stage.**

1. Define & give an example of a secondary data source

**A secondary data source is data collected by any party other than the researcher. An example of this would be a textbook for school.**

1. This chart type shows the individual parts that make up a whole.

**Pie chart.**