

Project 4 – Coasters and Games Student Handout

Given a data set of the following information on all the division 1 schools in the U.S.

Data	Description
University's full name	The full name of the university
University's common name	The common name of the university
Team name	The name of the university's teams
City	The city the university is in
State	The state the university is in
Status	Is the university public or private
Enrollment	The number of students enrolled in the university
Conference	The conference the university belongs in

One way we could use this data would be to filter for only the data that is important to us. For example, we might want to only focus on universities in a specific state.

Show all the division one universities in Ohio.

What are two ways we could filter this data other than by a specific state?

1.)

2.)

We can also summarize the data as a whole or by a subset of the data. An average is one way to summarize data. We might want to know the **average** enrollment of schools in the Big 12 Conference.

How many other ways can you think of to summarize data or a subset of data? Provide an example of each.

[illegible]

