

Exercise 1.1

You are in graduate school working on an important project concerning the increase in alternate energy forms and specifically the use of wind farms in the US from the year 2000 through 2008. You are to collect and store data from around the US, calculate the percentage of the US generating significant wattage from wind farms. You are hoping to get some grant money to study the correlation between this percentage and healthy ecosystems so you need to build a presentation to get that money. Describe the process that you will take and the tools you will use.

Exercise 1.2

You want to see the impact video games have on student attention span, formulate the alternative and null hypotheses.