Weekly paper 7

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The first main idea I got from chapter 5 was that a data frame is basically just a spreadsheet inside of python. This makes it easier to understand what you can do with a dataframe and how it can be helpful. The second is how easily numpy works with pandas. Element wise functions from numpy works with pandas data frames. The third main idea is how many ways there are to get a summary of data frames. From count to mean to sum to median to min and max, there is so much information you can grab from a data frame.

The first main idea that I gathered from chapter 6 was that putting information into a data frame from an outside source is quite easy and customizable. Using the read methods, and making the parameters as you need them makes a unique and easy to use data frame. The seconds main idea was that you can read a fixed number of data into a data frame. Using the nrows parameter in the read commands, you can be specific about how much data you want to read into a data frame. The third main idea I got was that there is a lot of information that can be used for data frames. From csvs, txt files, xml data, json data, and databases can all be used for data frames and this allows you to get data for pandas pretty much anywhere.