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Weekly Paper 3

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One important thing I learned from reading Chapter 2 is how to complete one of the problems we had in our last homework that had me stuck for a little while. I was having trouble understanding exactly how to use the colnames function, and the reading material helped me see where exactly I went wrong with my homework. It was also good to learn that exporting data could potentially be unreliable because of the differences between databases and files. I also was unaware that most of the client data I could work with will be held in databases instead of files, which is very new to me.

I have worked with the types of visualizations in Chapter 3 many times before, in different programs and in R. There was not much that was new to me, except the hexbin plots. They seem like interesting plots but I am wondering in what situation you would use a hexbin plot instead of a histogram. Faceting is also a new idea to me, along with the facet-wrap command in R. They really do make the whole chart look much more readable and concise. There are also a lot of commands I have never seen before, such as coord\_flip() and theme().