**GEOG 588**

**Lesson 2**

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Since I’m new to using R, every lesson will bring a new experience. It was great to get to learn more of the functions such as count, left\_join, filter, and arrange. I’m really starting to enjoy R studio, and how fast R processes. We will see when we get to bigger datasets, but it feels comparable to SQL in speed. I also learned how to develop an R notebook for the first time, and I’m getting much faster at building and running cells with hotkeys. A challenge I faced this week was learning when to pipe everything together or run certain functions separately. I’m still figuring out how to process variables correctly in a pipe chain, but I will figure that out over time with trial and error. In steps 9 – 12 in my notebook, I wanted to merge the functions into one pipe but wasn’t getting the correct output. I ended up separating everything into individual steps to run it smoothly and make it clear for the reader. If I could change my workflow throughout the week, I would have settled on the hot springs data set sooner than later. I kept finding new data sets I wanted to incorporate, and I ended up working through the lesson more than once.