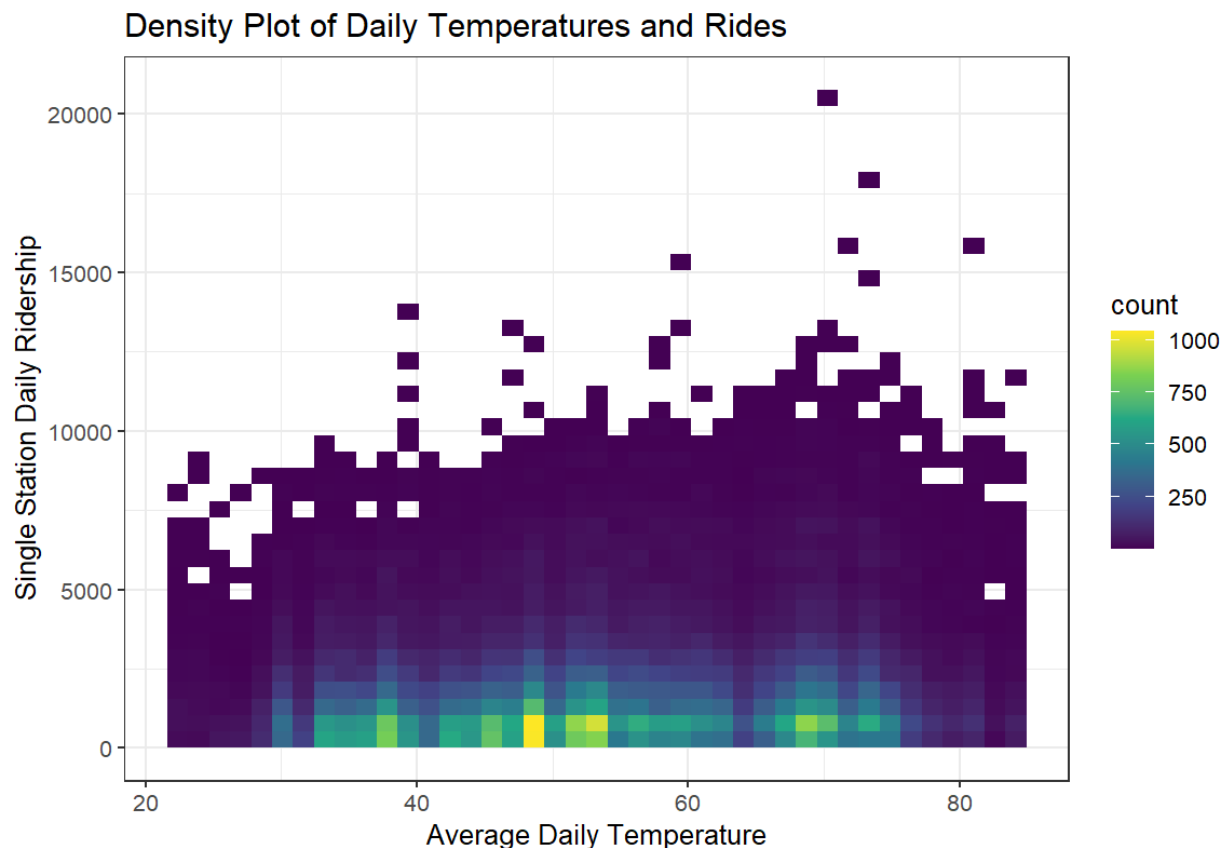# DSC 365 Homework 4/Individual Milestone

1) Create a visualization using one of the techniques from the latter half of the class (after the midterm). For example, from Week 7 you could use one of the techniques from the Categorical unit, like a mosaic plot or Bertin matrix, or you could try applying an interactivity example to your project data. Week 8 offers uncertainty visualizations and contours and 2D binning to apply to numerical variable relationships. Despite being covered earlier, a cartogram is also allowed. Each group member's visualizations must be distinct.
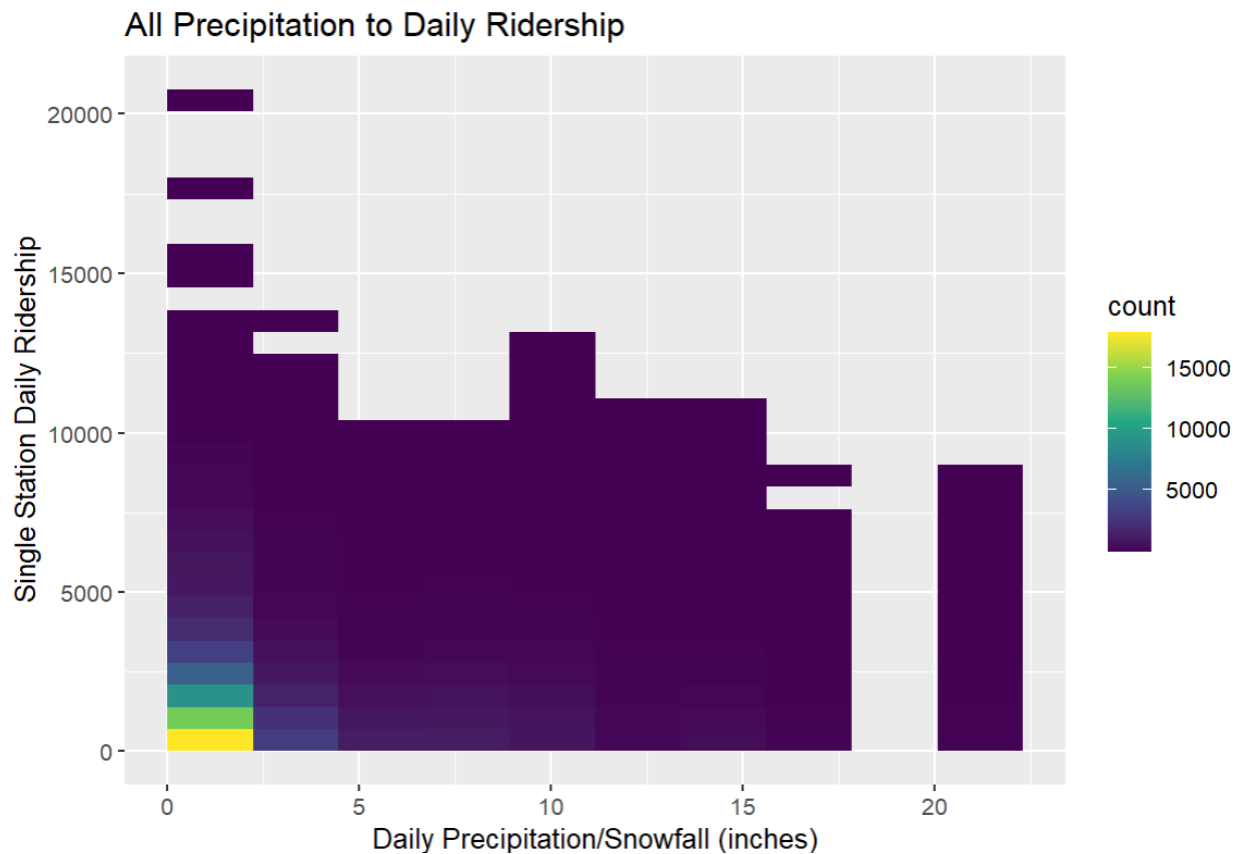
The group's visualizations <u>can use the same technique</u> **if they cover different aspects of the data or use the technique in different ways.**



Above is a sample density plot of daily temperatures and rides. **A scatterplot would be overwhelmed by this dataset. All this does is really just visualize the distribution of the dataset.**

2) Do the same as in item 1 but for another type of visualization. For this, you may use visualizations going back to Week 4, which includes geographical, statistical and special timeseries plots (e.g. tile plots or line graphs with smoothing). **You may use the same type of visualization as item 1 if the two cover different aspects of the data or use the technique in different ways.**

Nothing before week 4.



Above is another simple exploratory between ridership and the sum of precipitation and snowfall. Again, this just visualizes the distribution of the dataset.