Name: Shrey Shah

UIN: 664406225

Email Id: sshah023@illinois.edu
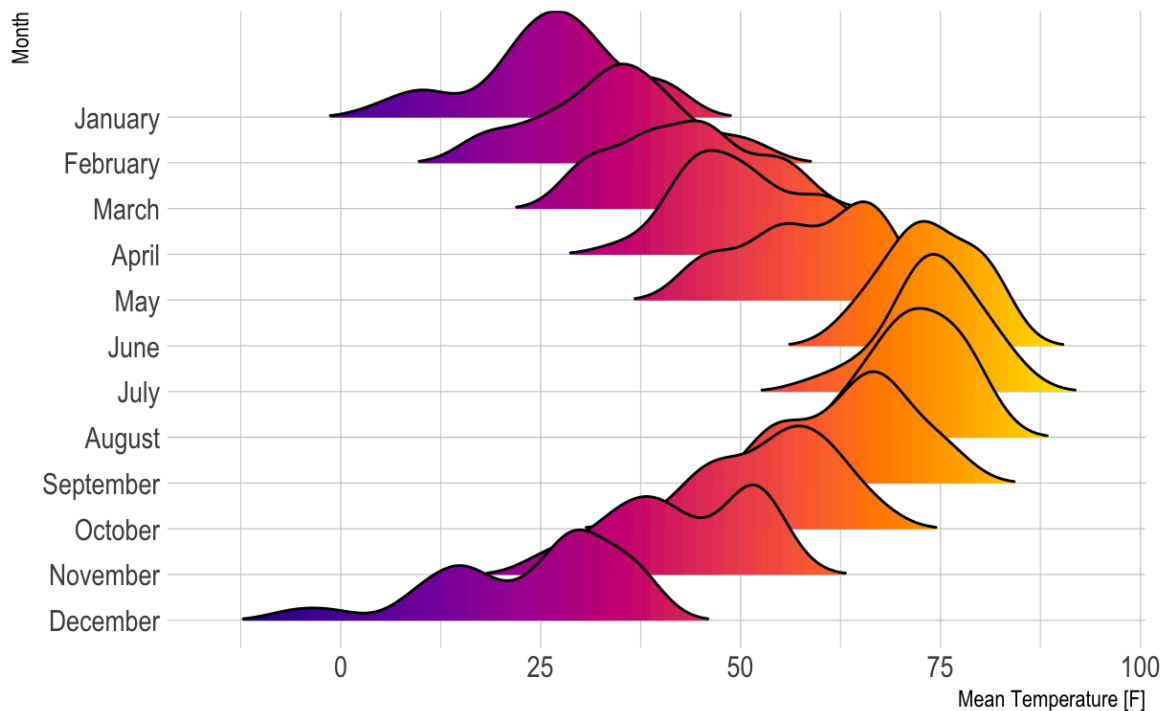
The above graph tells us about the temperature variations for the year 2016 in Lincoln NE.

Two things which I find interesting are: for each month of 2016, the graph shows us the density plot of the variation in temperatures, which gives us an idea about the changes in weather throughout the month. Another thing is the colour scheme used in relation to the idea of temperature, like the cold temperatures are represented using cool colour like violet and hot temperatures are shown using shades of warm colours like yellow and orange.

A thing that could be improved about the visualization is that there could have been more markings on the X-axis (temperature). Perhaps the gaps could have been 10°F to better understand the temperature values.

References:

Healy, Y. H. and C. (n.d.). *Ridgeline plot*. Ridgeline plot – from Data to Viz. Retrieved September 12, 2022, from https://www.data-to-viz.com/graph/ridgeline.html

19 innovative ways to use information visualization across a variety of fields. Visme Blog. (2019, September 8). Retrieved September 12, 2022, from https://visme.co/blog/information-visualization/