2. Calculate the average tuition in each state across all years in the data, and sort it from highest to lowest. What patterns can you derive?

3. Plot the average tuition in each state using a bar chart, and arrange it from highest to lowest.

4. Does the average tuition cost decrease for any state? Which states have the largest/smallest increases over this period? To adjust for the fact that states have very different tuition costs in 2004, calculate this in terms of percentage change. Using arrange() combined with first() and last() will be helpful.

a. Now consider which states have the largest/smallest increases in absolute value (dollar amount) over this period. Are the states with the highest percent change the same as the states with the highest absolute change?

5. Let’s get a closer look at a few states and their tuition trends. Explore the data and choose five states that have an interesting pattern. Justify why you chose these states.

a. Next, plot each state’s tuition change over time using a line graph. What can you conclude from the graph?

6. Show the tuition trends over time for all 50 states all in one image, with each state in its own little graph. Make the line for the state that you are from (or pick a random state if you’re not from the US) a different color than all the other states.