

Partner coding practice 1

Your names

Step 1: Install new package

We will visualize the `penguins` data from the `palmerpenguins` package. Please install the package now.

Step 2: Load packages

In the code chunk below, write code to load in only the packages you will need to visualize the `penguins` data.

Step 3: Get to know the data

Answer the following: how many numerical and how many categorical variables are included in `penguins`?

Answer:

Step 4: Visualize species

Create a visualization that visualizes the distribution of penguin species.

Step 5: Understanding bills

Create a new visualization that examines the relationship between bill length and bill depth of the penguins, colored by penguin species.

Step 6: Understanding the effect of islands

Directly modifying the code in the above code chunk, add the location of the penguins (island) to your visualization. There may be more than one method to address this, however, one method will more easily allow you to address the questions below!

Step 7: Interpreting your plots

Working together as a team, use the plots you both created to address the following questions:

1. Which species of penguin is represented the least in the `penguins` data set?

Answer:

2. Which species of penguin is only found on Biscoe Island?

Answer:

3. Suppose I make the statement: “Bill length and bill depth of these three species of penguins are strongly linearly associated.”. What might you add to improve this statement?

Answer: