



DS311

Exploratory_Data_Analysis

Introduction to EDA

Section 3: Lab Activity

Let's put it all together with a hands-on **case study**. We'll use the **Palmer Penguins** dataset (**penguins** data frame from the **palmerpenguins** package). This real dataset contains measurements of three penguin species (Adelie, Chinstrap, Gentoo) in Antarctica. The variables include species, island, sex, and numerical measurements like flipper length, bill dimensions, and body mass. **Scenario:** Imagine we are exploring this penguin data to understand their physical characteristics. We will focus on the **body_mass_g** (body mass in grams) of the penguins and how it varies by species and overall.