

DS Club Activity 9/15

Delila Medlin

2025-09-14

Plotting Puzzle 1

The aim of the game is to plot and color data points based on specific conditions to reveal a cute picture! This is a simple test to see how we like this sort of activity, so if you have any suggestions please let us know :)

Use the set of clues below to either filter, augment, or color-code the data provided in the `plotting_puzzle_data.csv` document. If you have any questions or need to be reminded about plotting functions, refer to the 444/5 textbook [here](#).

CLUES:

- Required packages: `dplyr`, `ggplot2`, `tidyverse`
- Plot x vs. y
- Color points based on these conditions:
 - BROWN: `category == 'A'`
 - GREEN: `category == 'B'`
 - YELLOW: `e == 99`
 - Hide all other points (don't plot category 'F')
- HINT: Create a separate column which specifies the color for each data point, and use that to manually color the graph using the `scale_color_manual` function

(Data created using the help of AI)