mpg_two_dim_disp

Two dimensional dispersion graph

- In this exercise, i'm going to do a two dimensional dispersion graph to visualize the relationship between **highway miles per gallon** x **engine displacement** x **class** from the cars present in the dataframe *mpg*, native to *TidyVerse* library.
- I'll be using the function `ggplot`, from the package **GGPlot2**.
- In my graph, **highway miles per gallon (hwy)** will be represented by the y axis, **engine displacement (displ)** by the x axis and the **class** by the color of the points.

```
library(tidyverse)
```

```
Warning: pacote 'tidyverse' foi compilado no R versão 4.4.2

Warning: pacote 'readr' foi compilado no R versão 4.4.2

Warning: pacote 'forcats' foi compilado no R versão 4.4.2

Warning: pacote 'lubridate' foi compilado no R versão 4.4.2

-- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
v dplyr     1.1.4     v readr     2.1.5
v forcats   1.0.0     v stringr   1.5.1
v ggplot2   3.5.1     v tibble    3.2.1
v lubridate 1.9.4     v tidyr     1.3.1
v purrr     1.0.2
-- Conflicts ------------------------------------------ tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to beco
```

```
ggplot(data = mpg) +
  geom_point(mapping = aes(x = displ, y = hwy, color = class))
```