

# HW(1) Project

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Run this code first

Q1. Replace the author name with your name in YAML part above.

Q2. Find Position Adjustments section from the cheat sheet and apply one of its methods with your comment

```
q2 <- ggplot(mpg, aes(fl, fill = drv)) # creating my variable `q2` # Do not modify this line
geom_point(position = "jitter")

## geom_point: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_jitter
```

Q3. Find ONE VARIABLE continuous section and apply one of its methods with your comment

```
q3 <- ggplot(mpg, aes(hwy)) # creating my variable `q3` # Do not modify this line
geom_area(stat = "bin")

## geom_area: na.rm = FALSE, orientation = NA, outline.type = upper
## stat_bin: na.rm = FALSE, orientation = NA
## position_stack
```

Q4. Find COLOR AND FILL SCALES (CONTINUOUS) section and apply one of its methods with your comment

```
q4 <- q3 + geom_dotplot(aes(fill = ..x..)) # Creating my variable `q4` # Do not modify this line
scale_fill_brewer(palette = "Blues")

## <ggproto object: Class ScaleDiscrete, Scale, gg>
##   aesthetics: fill
##   axis_order: function
##   break_info: function
##   break_positions: function
```

```
## breaks: waiver
## call: call
## clone: function
## dimension: function
## drop: TRUE
## expand: waiver
## get_breaks: function
## get_breaks_minor: function
## get_labels: function
## get_limits: function
## guide: legend
## is_discrete: function
## is_empty: function
## labels: waiver
## limits: NULL
## make_sec_title: function
## make_title: function
## map: function
## map_df: function
## n.breaks.cache: NULL
## na.translate: TRUE
## na.value: NA
## name: waiver
## palette: function
## palette.cache: NULL
## position: left
## range: <ggproto object: Class RangeDiscrete, Range, gg>
##   range: NULL
##   reset: function
##   train: function
##   super: <ggproto object: Class RangeDiscrete, Range, gg>
## rescale: function
## reset: function
## scale_name: brewer
## train: function
## train_df: function
## transform: function
## transform_df: function
## super: <ggproto object: Class ScaleDiscrete, Scale, gg>
```

**Q5. Find both discrete section and apply one of its methods with your comment**

```
q5 <- ggplot(mpg, aes(cyl, hwy)) # Creating my variable `q5` # Do not modify this line
geom_jitter(height = 2, width = 2)

## geom_point: na.rm = FALSE
## stat_identity: na.rm = FALSE
## position_jitter
```

*End of document*