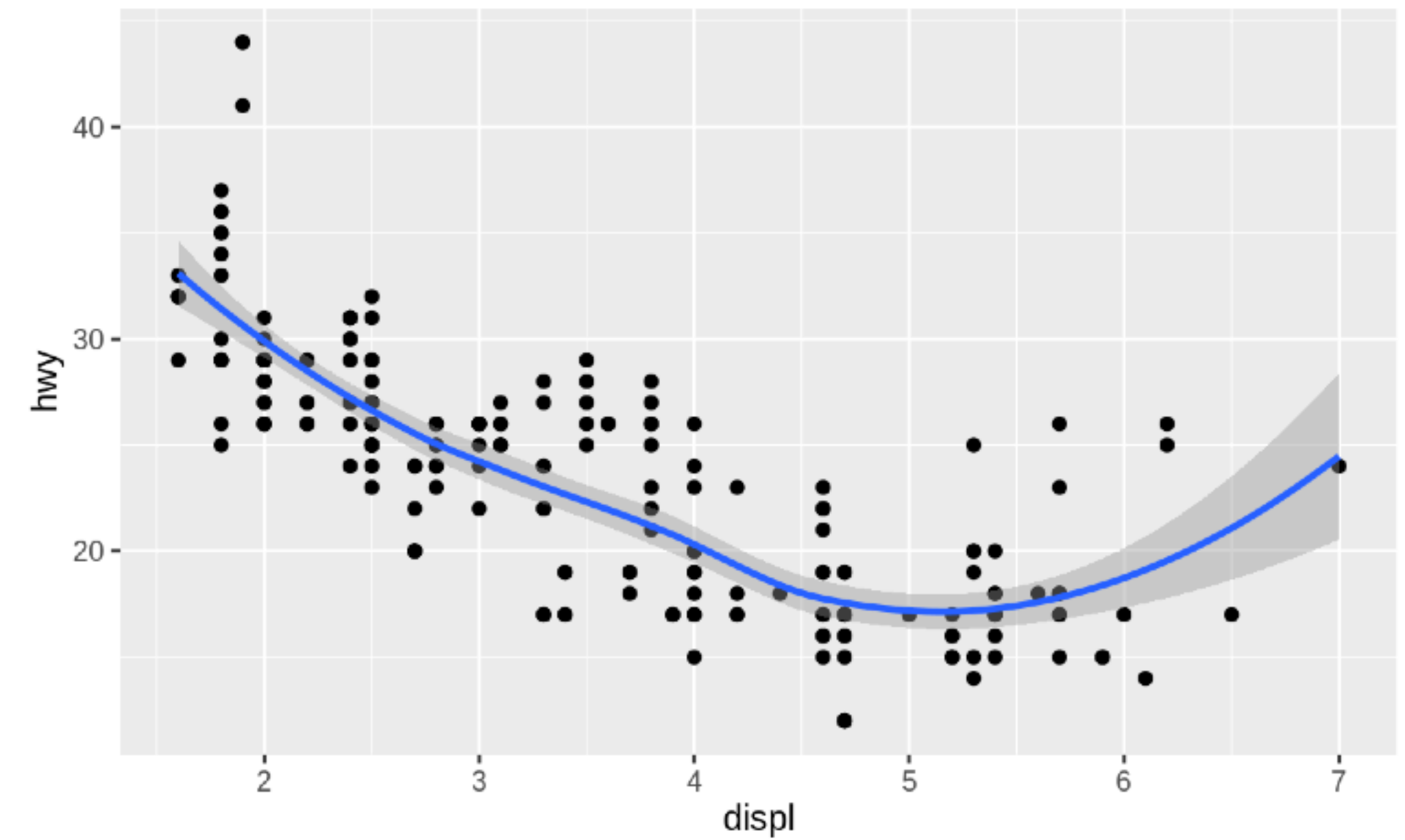# Adding trend lines


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

This adds the trend line as a second layer with the same aesthetic mapping as the first

Exercise set 2

Run this code in your head and predict what the output will look like. Then, run the code in R and check your predictions.

```r
ggplot(data = mpg, mapping = aes(x = displ, y = hwy, color = drv)) +
  geom_point() +
  geom_smooth(se = FALSE)
```