Penguins_plots

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Palmer Penguins Dataset

Comparative study of three different species of penguin.

- *Adelie*
- *Chinstrap*
- *Gento*

Load data

```
library(tidyverse)
```

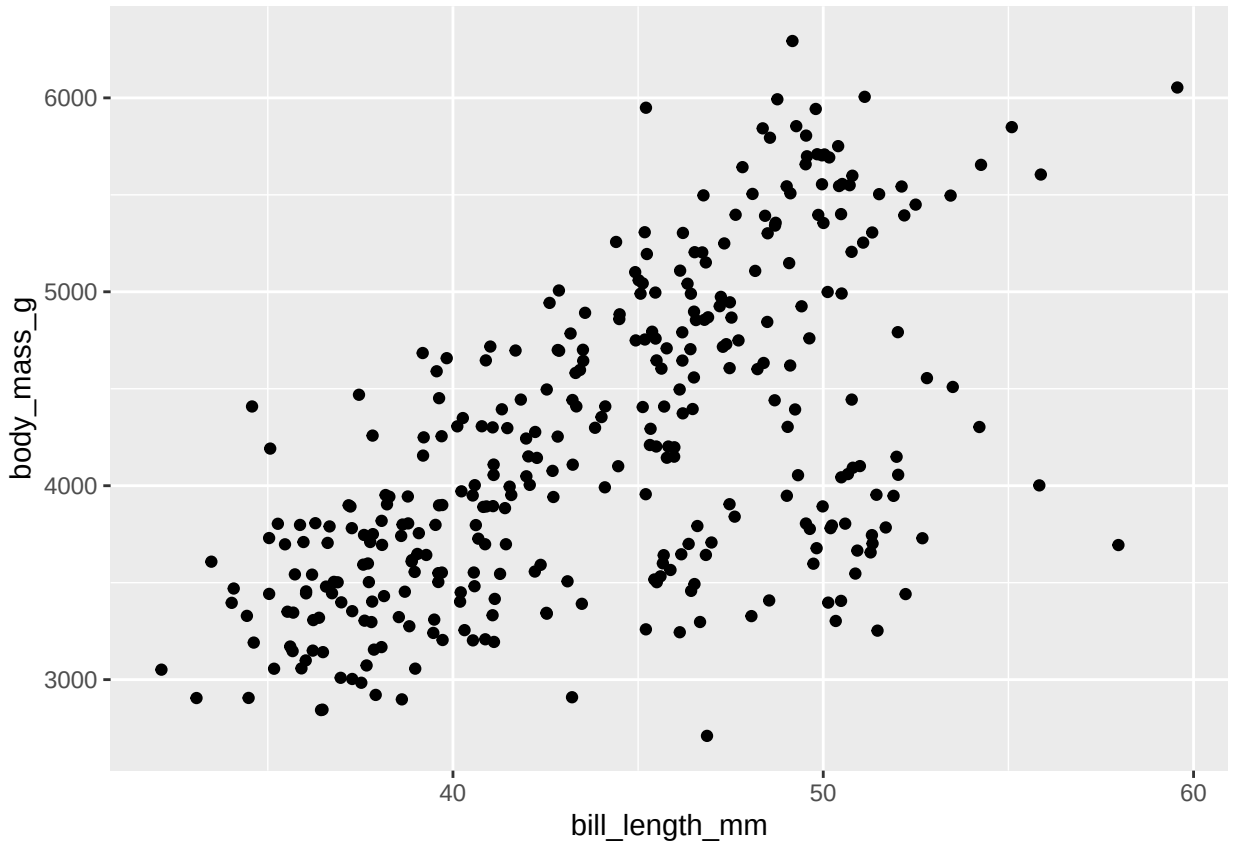
```
## -- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
## v dplyr     1.1.2     v readr     2.1.4
## v forcats   1.0.0     v stringr   1.5.0
## v ggplot2   3.4.2     v tibble    3.2.1
## v lubridate 1.9.2     v tidyr     1.3.0
## v purrr     1.0.1
## -- Conflicts ------------------------------------------ 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 become errors
```

```
library(ggplot2)
library(palmerpenguins)
```

Creating a basic scatterplot.

```
ggplot(data = penguins)+
   geom_jitter(mapping = aes(x = bill_length_mm, y = body_mass_g))
```

```
## Warning: Removed 2 rows containing missing values (`geom_point()`).
```

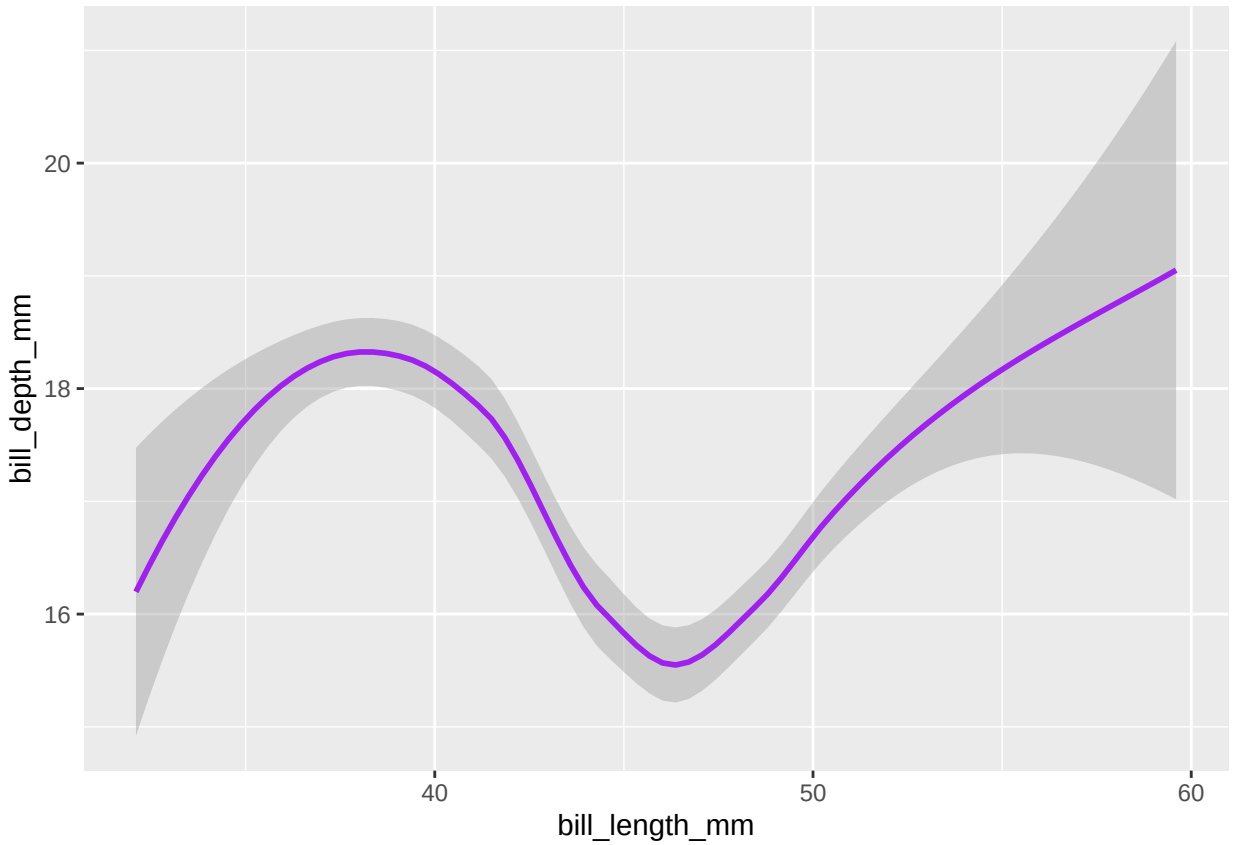


Adding geomsmooth and colour to the chart.

```
ggplot(data = penguins)+
   geom_smooth(mapping = aes(x = bill_length_mm, y = bill_depth_mm),color="purple")
```

```
## `geom_smooth()` using method = 'loess' and formula = 'y ~ x'
```

```
## Warning: Removed 2 rows containing non-finite values (`stat_smooth()`).
```


20
18
16
bill_depth_mm
40
50
60
bill_length_mm