

Demo Cheatsheet

Never try to memorise the codes

Dr. Ajay Kumar Koli

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1 Writing text

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

1.1 What is Lorem Ipsum?

- Lorem Ipsum is simply dummy text of the printing and typesetting industry.
- Lorem Ipsum has been the industry's standard dummy text
- Ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

1.1.1 What is Lorem Ipsum?

1. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.
2. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages,
3. And more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

2 Adding images

2.1 From your computer

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Figure 1: My name is Ajay.

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2.2 From internet

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Figure 2: Where is my coffee?

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3 Prepare tables

- Prepare in the Quarto.

Table 1: A list of cats and dogs

Cats	Dogs	Total
2	2	4
3	3	6
4	5	9
2	2	4
3	3	6
4	5	9
2	2	4
3	3	6
4	5	9

4 Writing maths

$$x + y = z$$

$$P\left(A = 2 \middle| \frac{A^2}{B} > 4\right)$$

$$A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix}$$

5 Making plots/graphs

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took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

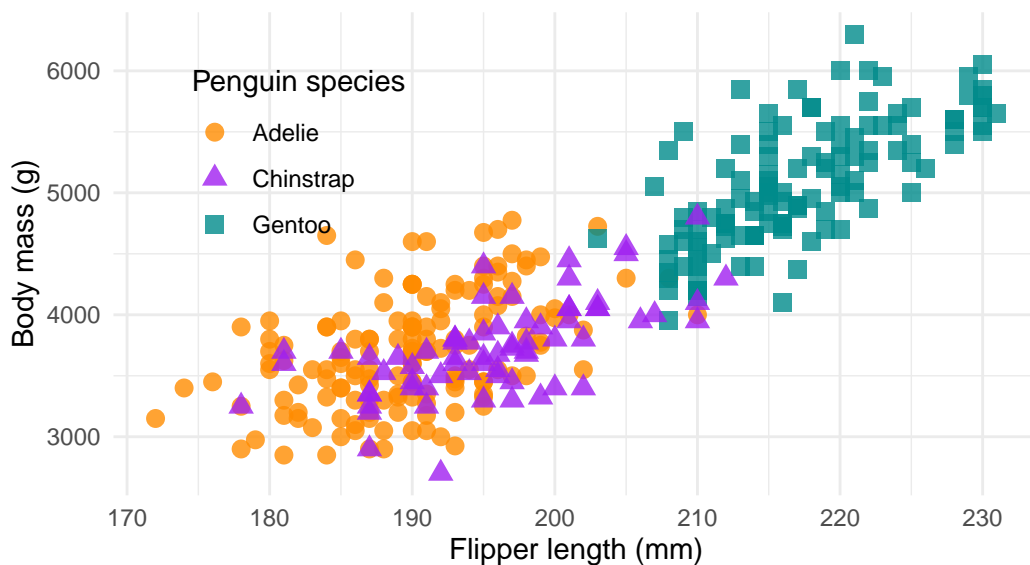
Warning: A numeric `legend.position` argument in `theme()` was deprecated in ggplot2 3.5.0.

i Please use the `legend.position.inside` argument of `theme()` instead.

Warning: Removed 2 rows containing missing values or values outside the scale range (`geom_point()`).

Penguin size, Palmer Station LTER

Flipper length and body mass for Adelie, Chinstrap and Gentoo Penguins



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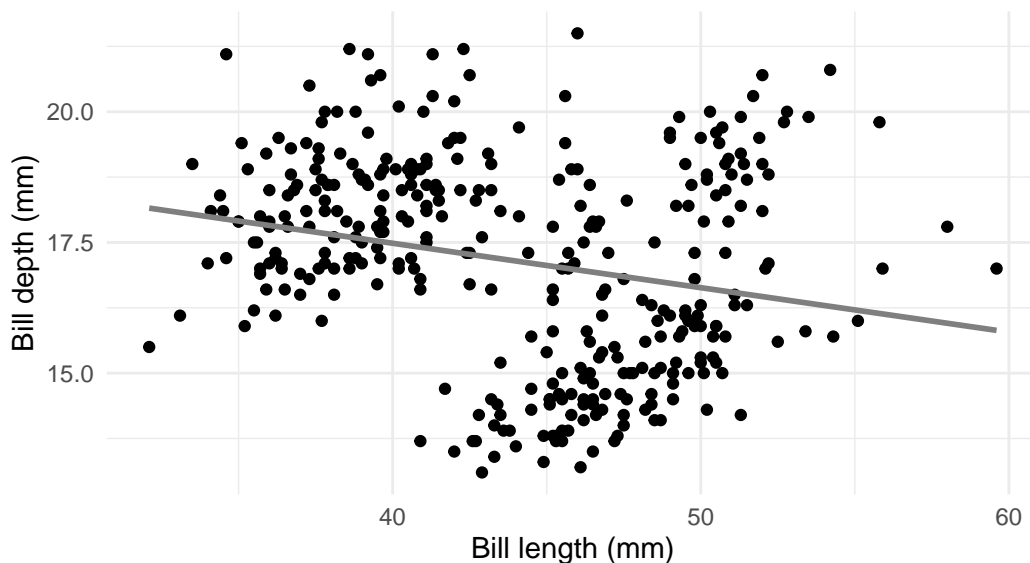
```
`geom_smooth()` using formula = 'y ~ x'
```

```
Warning: Removed 2 rows containing non-finite outside the scale range  
(`stat_smooth()`).
```

```
Warning: Removed 2 rows containing missing values or values outside the scale range  
(`geom_point()`).
```

Penguin bill dimensions (omit species)

Palmer Station LTER



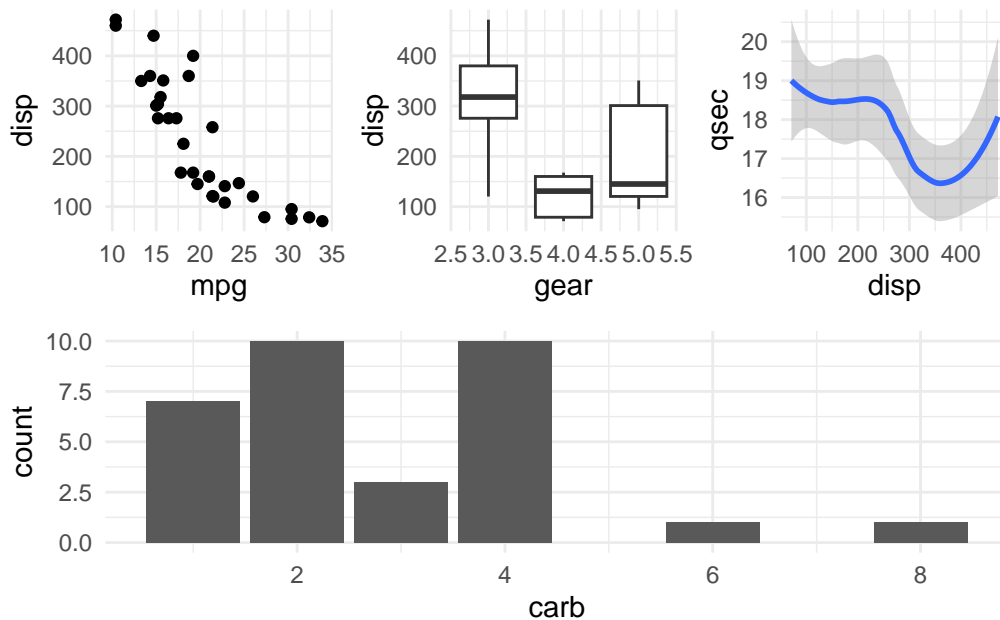
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5.1 Combine separate plots

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



6 Regression table

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```
library(kableExtra) #Load kableextra
library(jtools) # Load jtools
```

Warning: package 'jtools' was built under R version 4.4.1

```
data(movies) # Telling R we want to use this data
fit <- lm(metascore ~ imdb_rating + log(us_gross) + genre5, data = movies)
summ(fit)
```

Observations	831 (10 missing obs. deleted)
Dependent variable	metascore
Type	OLS linear regression

F(6,824)	169.37
R ²	0.55
Adj. R ²	0.55

	Est.	S.E.	t val.	p
(Intercept)	-39.96	5.92	-6.75	0.00
imdb_rating	12.80	0.49	25.89	0.00
log(us_gross)	0.47	0.31	1.52	0.13
genre5Comedy	6.32	1.06	5.95	0.00
genre5Drama	7.66	1.08	7.12	0.00
genre5Horror/Thriller	-0.73	1.51	-0.48	0.63
genre5Other	5.86	3.25	1.80	0.07

Standard errors: OLS

7 Footnotes & Cross

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries¹, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset² sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.³

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¹Read more about it here www.nowhere.com

²See Section [3](#)

³This was adapted from X et al.

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8 Cross References

8.1 A section

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8.2 A table

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8.3 A figure

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9 In-line coding

The mean bill length of the palmer penguins is 3.21725

10 Citation

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type (Ghouse et al. 2024) and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum (Nguyen et al. 2024; Provost and Fawcett 2013).

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References

- Ghouse, Suhail Mohammad, Rishabh Shekhar, Mohammed Ali Bait Ali Sulaiman, and Afshan Azam. 2024. "Green Purchase Behaviour of Arab Millennials Towards Eco-Friendly Products: The Moderating Role of Eco-Labeling." *The Bottom Line*, September. <https://doi.org/10.1108/bl-08-2023-0246>.
- Nguyen, Thuy Thu, Minh Dinh Duc, Minh Trang Dinh, and Hoa Thi Thanh Phan. 2024. "Impact of Religiosity Beliefs on Green Purchase Intention: The Role of Environmental Concern and Environmental Knowledge." *The International Journal of Religion and Spirituality in Society* 15 (2): 1–22. <https://doi.org/10.18848/2154-8633/cgp/v15i02/1-22>.

Provost, Foster, and Tom Fawcett. 2013. “Data Science and Its Relationship to Big Data and Data-Driven Decision Making.” *Big Data* 1 (1): 51–59. <https://doi.org/10.1089/big.2013.1508>.