

# Package ‘ggauto’

June 27, 2026

**Title** Automatically Create and Style 'ggplot2' Charts

**Version** 0.0.2

**Description** Automatically choose an appropriate chart type based on the types and values in the data. Apply more accessible default styling and colours to 'ggplot2' charts.

**License** MIT + file LICENSE

**Depends** R (>= 4.1)

**Imports** dplyr, ggdist, ggforce, gghighlight, ggplot2, ggrepel, ggtext, glue, khroma, lemon, lubridate, rlang, scales, stringr

**Suggests** knitr, rmarkdown

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**Config/Needs/website** nrennie/nrenniepkgdown

**URL** <https://nrennie.rbind.io/ggauto/>

**BugReports** <https://github.com/nrennie/ggauto/issues>

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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## Contents

ggauto . . . . .	2
<b>Index</b>	<b>3</b>

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`ggauto`*Automated ggplot2 charts*

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## Description

Automatically create an appropriate 'ggplot2' chart type based on the classes of the provided variables.

## Usage

```
ggauto(  
  data = NULL,  
  ...,  
  xlab = NULL,  
  ylab = NULL,  
  title = NULL,  
  subtitle = NULL,  
  caption = NULL,  
  base_size = 14,  
  base_family = "sans"  
)
```

## Arguments

<code>data</code>	A data frame, or a bare vector when not using the pipe.
<code>...</code>	Unquoted column names to plot (e.g. <code>v1</code> , <code>v2</code> ).
<code>xlab</code>	Label for the x-axis.
<code>ylab</code>	Label for the y-axis.
<code>title</code>	Optional plot title.
<code>subtitle</code>	Optional plot subtitle.
<code>caption</code>	Optional plot caption.
<code>base_size</code>	Base font size. Defaults to 14.
<code>base_family</code>	Base font family. Defaults to "sans".

## Value

A ggplot2 plot object.

## Examples

```
ggauto(mtcars$mpg)  
mtcars |> ggauto(mpg, wt)
```

# Index

ggauto, 2