

Package ‘ggauto’

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Title Automatically Create and Style 'ggplot2' Charts

Version 0.0.1

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.

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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/>, <http://nrennie.rbind.io/ggauto/>

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

NeedsCompilation no

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Repository CRAN

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Contents

ggauto	2
Index	3

`ggauto`*Automatic ggplot plot*

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](#)