

Package ‘qatarcars’

October 16, 2025

Type Package

Title Data on Cars in Qatar

Version 1.0.0

Date 2025-10-09

Description Fuel economy, size, performance, and price data for cars in Qatar in 2025. Mirrors many of the columns in mtcars, but uses (1) non-US-centric makes and models, (2) 2025 prices, and (3) metric measurements, making it more appropriate for use as an example dataset outside the United States.

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Encoding UTF-8

LazyData true

RoxygenNote 7.3.3.9000

Depends R (>= 4.1.0)

URL <https://profmusgrave.github.io/qatarcars/>,
<https://github.com/profmusgrave/qatarcars>

BugReports <https://github.com/profmusgrave/qatarcars/issues>

Suggests altdoc, downlit, dplyr, ggplot2, scales, testthat (>= 3.0.0),
tibble, xml2

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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qatarcars

*Fuel economy, size, performance, and price data for cars in Qatar***Description**

Includes prices and other specifications taken from YallaMotors Qatar between January to August 2025

Usage

qatarcars

Format

A tibble with 99 rows and 15 variables:

origin a factor denoting car country of origin

make a factor denoting car make

model a factor denoting car model

length a number denoting car length (meters)

width a number denoting car width (meters)

height a number denoting car height (meters)

seating a number denoting number of seats in car

trunk a number denoting volume of trunk (liters)

economy a number denoting car fuel economy (L/100km)

horsepower a number denoting car horsepower

price a number denoting car price (2025 Qatari riyals (QAR))

mass a number denoting car mass (kilograms)

performance a number denoting car performance (Time 0-100 km/h (seconds))

type a factor denoting car type

enginetype a factor denoting car engine type

Source

<https://github.com/profmusgrave/qatarcars>

<https://open.substack.com/pub/musgrave/p/introducing-the-qatar-cars-dataset>

Yalla Motors Qatar

Examples

```
str(qatarcars)
head(qatarcars)
summary(qatarcars)
table(qatarcars$origin)
aggregate(price ~ enginetype, qatarcars, mean)
barplot(table(factor(
  qatarcars$seating,
  levels = min(qatarcars$seating):max(qatarcars$seating)
)))
plot(economy ~ mass, qatarcars)
plot(price ~ performance, qatarcars, log = "y")

if (require("dplyr") && require("ggplot2")) {
  glimpse(qatarcars)

  qatarcars |>
    count(origin)

  qatarcars |>
    group_by(enginetype) |>
    summarize(avg_price = mean(price))

  ggplot(qatarcars, aes(x = seating)) +
    geom_bar()

  ggplot(qatarcars, aes(x = mass, y = economy)) +
    geom_point()

  ggplot(qatarcars, aes(x = performance, y = price)) +
    geom_point() +
    scale_y_log10()
}
```

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* **datasets**

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