

# Package: tsviz (via r-universe)

August 28, 2024

**Title** Easy and Interactive Time Series Visualization

**Version** 0.1.0

**Description** An 'RStudio' add-in to visualize time series. Time series are searched in the global environment as data.frame objects with a column of type date and a column of type numeric. Interactive charts are produced using 'plotly' package.

**URL** <https://github.com/xtreamsrl/tsviz>

**BugReports** <https://github.com/xtreamsrl/tsviz/issues>

**License** MIT + file LICENSE

**Suggests** testthat (>= 2.1.0), lintr (>= 1.0)

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 6.1.1

**Depends** R (>= 3.5)

**Imports** dplyr (>= 0.8), lubridate (>= 1.7), plotly (>= 4.9), shiny (>= 1.2), miniUI (>= 0.1.1), forecast (>= 8.7), ggplot2 (>= 3.0), magrittr (>= 1.5), shinyhelper (>= 0.3.1)

**Repository** <https://xtreamsrl.r-universe.dev>

**RemoteUrl** <https://github.com/xtreamsrl/tsviz>

**RemoteRef** HEAD

**RemoteSha** 040deb3846da10a4a595c7e75ada8f9b0136b76a

## Contents

crypto_prices . . . . .	2
tsviz . . . . .	2

<b>Index</b>	<b>3</b>
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crypto\_prices      *Prices of 3 crypto currencies*

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**Description**

A dataset closing prices for Litecoin, Bitcoin and Ethereum on 1174 days, between 2016-04-01 and 2019-07-01. Prices are recorded in US dollars.

**Usage**

```
crypto_prices
```

**Format**

A data frame with 1174 rows and 4 variables:

- *Date*: date when the price was recorded
- *LTC*: closing price of Litecoin
- *BTC*: closing price of Bitcoin
- *EHT*: closing price of Ethereum

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tsviz      *Easy and interactive visualization of time series*

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**Description**

An RStudio addin to visualize time series. Time series are supposed to be contained into a `data.frame` object in the global environment, with the following format:

- a column of type `Date`
- one or more numeric columns

**Usage**

```
tsviz()
```

**Examples**

```
if(interactive()){  
prices <- tsviz::crypto_prices  
tsviz::tsviz()  
}
```

# Index

## \* datasets

crypto\_prices, [2](#)

crypto\_prices, [2](#)

tsviz, [2](#)