

Package: AQLTrainings (via r-universe)

May 18, 2026

Type Package

Title Datasets for AQLT trainings

Version 0.1.0

Description Package containing data for AQLT training courses.

License EUPL

Imports rsdmtx, reshape2,

URL <https://github.com/AQLT/AQLTtrainings>

BugReports <https://github.com/AQLT/AQLTtrainings/issues>

Encoding UTF-8

LazyData true

RoxygenNote 7.3.3

Roxygen list(markdown = TRUE)

Config/pak/sysreqs libicu-dev libxml2-dev libssl-dev

Repository <https://aqlt.r-universe.dev>

Date/Publication 2026-05-18 20:09:26 UTC

RemoteUrl <https://github.com/AQLT/AQLTrainings>

RemoteRef HEAD

RemoteSha 4014a11fd006d1903630779d307f7d2cd7483c52

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ipi_c_eu	<i>Industrial Production Indices in manufacturing industry in the European Union</i>
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Description

Dataset containing monthly industrial production indices in manufacturing in the European Union (from sts_inpr_m dataset of Eurostat). Data are based 100 in 2021 and are unadjusted (ipi_c_eu_nsa), i.e. neither seasonally adjusted nor calendar adjusted, or seasonally and calendar adjusted (ipi_c_eu_sca).

Usage

ipi_c_eu_nsa

ipi_c_eu_sca

Format

A monthly ts object from January 2000 to December 2025 with 34 variables.

An object of class mts (inherits from ts, matrix, array) with 312 rows and 35 columns.

Details

The dataset contains 34 time series corresponding to the following geographical area

BE	Belgium
BG	Bulgaria
CZ	Czech Republic
DK	Denmark
DE	Germany (until 1990 former territory of the FRG)
EE	Estonia
IE	Ireland
EL	Greece
ES	Spain
FR	France
HR	Croatia
IT	Italy
CY	Cyprus
LV	Latvia
LT	Lithuania
LU	Luxembourg
HU	Hungary
MT	Malta
NL	Netherlands
AT	Austria
PL	Poland
PT	Portugal

RO Romania
SI Slovenia
SK Slovakia
FI Finland
SE Sweden
UK United Kingdom
NO Norway
CH Switzerland
ME Montenegro
MK Former Yugoslav Republic of Macedonia, the
RS Serbia
TR Turkey
BA Bosnia and Herzegovina

Source

Eurostat, 'sts_inpr_m' database.

macronia

Fictitious data for Macronia

Description

Dataset containing fictitious data for Macronia (fictitious country): monthly industrial production indices (IPI), Monthly Indicators of Economic Growth (MIEG), quarterly national accounts (QNA) and annual national accounts (ANA).

Usage

macronia

Format

A list with ts objects

Source

Eurostat, 'sts_inpr_m' database.

`read_bdm`*Download a series from the Insee BDM*

Description

Function that allows importing series from Insee's Macroeconomic Database (BDM) using its idbank. A series' idbank can be found on the BDM website (<https://www.bdm.insee.fr/bdm2/index>). Also allows the use of quantile regressions.

Usage

```
read_bdm(idbank, ...)
```

Arguments

<code>idbank</code>	a vector of one or more idbanks to download.
<code>...</code>	additional vectors of one or more idbanks to download.

Details

The function allows downloading time series from Insee's Macroeconomic Database (BDM) using their idbank. It leverages Insee's SDMX web service for this purpose (see <http://www.bdm.insee.fr/bdm2/statique?page=sdmx> for more information). It uses the **rsdmx** package to read the data and **reshape2** for formatting. The idbanks passed as parameters must correspond to series that share the same periodicity. If one of the input idbanks is not found, the function will also return a warning message.

Value

Returns an object of type `ts` or `mts`, depending on the number of input idbanks, with the same frequency as the input series.

Examples

```
# To download the seasonally adjusted manufacturing IPI: 001654241
read_bdm("001654241")
# To download the IPI for both manufacturing and agribusiness industries:
read_bdm(c("001654241", "001654289"))
# or:
read_bdm("001654241", "001654289")
```

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