

Package: kantime (via r-universe)

December 23, 2024

Title Nixtla's KAN Time Series Model In R

Version 0.0.0.1

Description This package is a binding between Nixtla's neuralforecast Library, specifically KANs, and R's {modeltime} package. Nixtla's KAN is bound using {reticulate}, which is then ported into {parsnip} and bridged to {modeltime}.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Imports modeltime, reticulate, parsnip

Config/pak/sysreqs make libicu-dev libpng-dev libxml2-dev libssl-dev python3 libnode-dev libx11-dev

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

RemoteUrl <https://github.com/frankiethull/kantime>

RemoteRef HEAD

RemoteSha 14690053acd634a549f852a8111c3cebb0c0fb40

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```
create_neuralforecast_env
```

Create Virtual Environment Wrapper

Description

Create Virtual Environment Wrapper

Usage

```
create_neuralforecast_env(envname = "nixtla-dev", ...)
```

Arguments

envname	virtual environment to create
...	additional passes for create_virtualenv

Value

creation of virtual environment

```
install_neuralforecast
```

Install Development Version of neuralforecast From Github dev version contains conformal methods for predicting

Description

Install Development Version of neuralforecast From Github dev version contains conformal methods for predicting

Usage

```
install_neuralforecast(envname = "nixtla-dev", method = "auto", ...)
```

Arguments

envname	virtual environment name
method	method defaults to "auto"
...	additional passes for py_install

Value

worth the wait! installs neuralforecast to "nixtla-dev" by default

use_neuralforecast_env

Use Virtual Environment Wrapper

Description

Use Virtual Environment Wrapper

Usage

```
use_neuralforecast_env(envname = "nixtla-dev", ...)
```

Arguments

envname	virtual environment to use
...	additional passes for use_virtualenv

Value

sets environment to virtualenv

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