feature$_{e}ngDocumentation$

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Implements modular components for dataset preprocessing: a data-trimmer, a standardizer, a feature selector and a sliding window data generator.

CHAPTER 1

Contents

1.1 License

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1.2 Contributors

- Harvey Bastidas <harveybc@users.noreply.github.com>

1.3 Changelog

1.3.1 Version 0.1

- Feature A added

- FIX: nasty bug #1729 fixed
- add your changes here!

1.4 feature_eng

1.4.1 feature_eng package

1.4.1.1 Submodules

1.4.1.2 feature_eng.conftest module

1.4.1.3 feature_eng.feature_eng module

This File contains the FeatureEng class, has methods for listing and loading plugins and execute their entry point.

class `feature_eng.feature_eng.`**`FeatureEng`**(*conf*)

Bases: *`feature_eng.feature_eng_base.FeatureEngBase`*

Base class.

`find_plugins`()

" Populate the discovered plugin lists

`load_plugins`()

Loads plugin entry points into class attributes

`main`(*args*)

Starts an instance via command line parameters, uses the FeatureEngBase.core() method. Starts logging, parse command line arguments and start core.

Args: args ([str]): command line parameter list

`print_plugins`()

`feature_eng.feature_eng.`**`run`**(*args*)

Entry point for console_scripts

1.4.1.4 feature_eng.feature_eng_base module

This File contains the FeatureEng class, has methods for listing and loading plugins and execute their entry point.

class `feature_eng.feature_eng_base.`**`FeatureEngBase`**(*conf*)

Bases: `object`

Base class For FeatureEng.

`core`()

Core feature_eng operations.

`parse_args`(*args*)

Parse command line parameters.

Args: args ([str]): command line parameters as list of strings

Returns: `argparse.Namespace`: command line parameters namespace

`parse_cmd`(*parser*)

Adds command-line arguments to parse

setup_logging(*loglevel*)
Setup basic logging. Args: loglevel (int): minimum loglevel for emitting messages

1.4.1.5 feature_eng.plugin_base module

This File contains the PluginBase class.

class feature_eng.plugin_base.**PluginBase**(*conf*)
Bases: object

Base class for FeatureEng plugins

parse_cmd(*parser*)
Adds command-line arguments to parse, to be overriden by plugin-specific arguments

1.4.1.6 Module contents

CHAPTER 2

Indices and tables

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