

Package ‘eventdataR’

December 5, 2017

Type Package

Title Event Data Repository

Version 0.1.2

Date 2017-12-05

Description

Event dataset repository including both real-life and artificial event logs. They can be used in combination with functionalities provided by the 'bupaR' packages 'edeaR', 'processmapR', etc.

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Encoding UTF-8

LazyData true

Depends R (>= 3.0)

URL <https://www.bupar.net>

RoxygenNote 6.0.1

VignetteBuilder knitr

Suggests knitr, rmarkdown

NeedsCompilation no

Author Gert Janssenswillen [aut, cre]

Maintainer Gert Janssenswillen <gert.janssenswillen@uhasselt.be>

Repository CRAN

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BPIC14_incident_case_attributes
BPI Challenge 2014 Incidents

Description

Dataset originating of the BPI Challenge 2014, organized by the BPI Workshop

Usage

BPIC14_incident_case_attributes

Format

tbl_df containing 4000 observations with 28 variables

BPIC14_incident_log *BPI Challenge 2014 Incident Activities*

Description

Dataset originating of the BPI Challenge 2014, organized by the BPI Workshop

Usage

BPIC14_incident_log

Format

eventlog containing 39911 events

BPIC15_1 *BPI Challenge 2015 Log Municipality 1*

Description

Dataset originating of the BPI Challenge 2014, organized by the BPI Workshop

Usage

BPIC15_1

Format

eventlog containing 52217 events

eventdataR	<i>eventdataR - Event Data Repository</i>
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Description

Several example event logs for the analysis of business processes

example_log	<i>Patients eventlog</i>
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Description

Artificial eventlog about patients

Usage

patients

Format

Eventlog containing 500 patient cases

sepsis	<i>Sepsis Cases - Event Log</i>
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Description

This real-life event log contains events of sepsis cases from a hospital. Sepsis is a life threatening condition typically caused by an infection. One case represents the pathway through the hospital. The events were recorded by the ERP (Enterprise Resource Planning) system of the hospital. There are about 1000 cases with in total 15,000 events that were recorded for 16 different activities. Moreover, 39 data attributes are recorded, e.g., the group responsible for the activity, the results of tests and information from checklists. Events and attribute values have been anonymized. The time stamps of events have been randomized, but the time between events within a trace has not been altered.

Usage

sepsis

Format

An object of class eventlog (inherits from tbl_df, tbl, data.frame) with 15214 rows and 35 columns.

Source

<<http://data.4tu.nl/repository/uuid:915d2bfb-7e84-49ad-a286-dc35f063a460>>

References

Analyzing the Trajectories of Patients with Sepsis using Process Mining (Felix Mannhardt and Daan Blinde, CEUR Workshop Proceedings Vol-1859 RADAR+EMISA 2017)

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