

Package ‘CINE’

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Type Package

Title Classification International Normalized of Education

Version 0.1.3

Description Function using lemmatization to classify educational programs according to the CINE(Classification International Normalized of Education) for Peru.

Depends R (>= 3.5.0)

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.2.0

URL <https://github.com/musajajorge/CINE>

Imports dplyr, tm, tidytext, tidyr

NeedsCompilation no

Author Jorge L. C. Musaja [aut, cre]

Maintainer Jorge L. C. Musaja <musajajorge@gmail.com>

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cine	<i>Classifies educational programs using lemmatization and CINE classification</i>
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Description

Uses the lemmatization of the education program name to combine with the CINE dataframe.

Usage

```
cine(df, EducationProgram, filterBy)
```

Arguments

df	Name of dataframe
EducationProgram	Name of Education Program
filterBy	Academic level code. Use 'AUX' for 'Auxiliar técnico', 'TEC' for 'Técnico', 'PTC' for 'Profesional técnico', 'PRF' for 'Profesional', '2DA' for 'Segunda especialidad', 'MAG' for 'Maestría' and 'PHD' for 'Doctorado'

Value

A dataframe with CINE classification result fields

Examples

```
df <- data.frame(c("Administración de Negocios Internacionales",
  "Ingeniería de Telecomunicaciones",
  "Ingeniería Geográfica",
  "Psicología Organizacional y de la Gestión Humana",
  "Educación Secundaria Especialidad Lengua y Literatura",
  "Educación Secundaria, Mención en: Ciencias Matemáticas",
  "Ciencias de la Comunicación con Especialidad en Periodismo",
  "Ingeniería Pesquera",
  "Medicina Humana",
  "Medicina Veterinaria",
  "Carrera de Economía",
  "Radiología",
  "Biología - Microbiología",
  "Marketing y Negocios Internacionales",
  "Tecnología Médica con Especialidad en Laboratorio Clínico"))
colnames(df) <- "ProgramaEducativo"
cine(df=df, EducationProgram="ProgramaEducativo", filterBy='PRF')
```

df_CINE

Peru: International Standard Classification of Education

Description

Peru: International Standard Classification of Education

Usage

df_CINE

Format

dataframe

Education_COD chr Education code

Education chr Education

Specific_COD chr Specific code

Specific chr Specific

AcademicLevel dbl Academic Level

AcademicLevel_COD dbl Academic Level code

EducationProgram dbl Education Program

EducationProgram_Lemma dbl Lemma of the Education Program

df_LEMMA

Lemma of the Education Program

Description

Lemma of the Education Program

Usage

df_LEMMA

Format

dataframe

word chr word

lemma chr lemma

MyStopWords

My StopWords

Description

My StopWords

Usage

MyStopWords

Format

character

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