Package ‘lexicon’

March 21, 2019

Title  Lexicons for Text Analysis
Version  1.2.1
Maintainer  Tyler Rinker <tyler.rinker@gmail.com>
Description  A collection of lexical hash tables, dictionaries, and word lists.
Depends  R (>= 3.2.2)
Imports  data.table, syuzhet (>= 1.0.1)
License  GPL-3
LazyData  TRUE
Encoding  UTF-8
RoxygenNote  6.1.1
BugReports  https://github.com/trinker/lexicon/issues?state=open
URL  https://github.com/trinker/lexicon
Collate  'available_data.R' 'cliches.R' 'common_names.R'
      'constraining_loughran_mcdonald.R' 'freq_first_names.R'
      'freq_last_names.R' 'function_words.R' 'grady_augmented.R'
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      'sw_fry_1000.R' 'sw_fry_200.R' 'sw_fry_25.R' 'sw_jockers.R'
      'sw_jockers_rinker.R'

R topics documented:

'available_data' 'cliches' 'common_names' 'constraining_loughran_mcdonald' 'emojis_sentiment'
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available_data Get Available lexicon Data

Description

See available lexicon data as a data.frame.

Usage

available_data(regex = NULL, ...)

Arguments

regex A regex to search for within the data columns.
... Other arguments passed to grep.

Value

Returns a data.frame

Examples

available_data()
available_data('hash_')
available_data('hash_sentiment')
available_data('python')
available_data('prof')
available_data('English')
available_data('Stopword')
**Description**

A dataset containing a character vector of cliches.

**Usage**

```r
data(cliches)
```

**Format**

A character vector with 697 elements

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**References**

[https://github.com/dunckr/retext-cliches](https://github.com/dunckr/retext-cliches)
**common_names**  
*First Names (U.S.)*

**Description**  
A dataset containing 1990 U.S. census data on first names.

**Usage**  
data(common_names)

**Format**  
A character vector with 5493 elements

**References**  
http://www.census.gov

---

**constraining_loughran_mcdonald**  
*Loughran-McDonald Constraining Words*

**Description**  
A dataset containing a character vector of Loughran & McDonald’s (2016) constraining words list.

**Usage**  
data(constraining_loughran_mcdonald)

**Format**  
A character vector with 184 elements

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emoji_sentiment

References


https://sraf.nd.edu/textual-analysis/resources/#Master%20Dictionary

emoji_sentiment  Emoji Sentiment Data

Description

A slightly modified version of Novak, Smailovic, Sluban, & Mozetic’s (2015) emoji sentiment data. The authors used Twitter data and 83 coders to rate each of the the emoji uses as negative, neutral, or positive to form a probability distribution \((p_-, p_0, p_+)(\text{http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0144296&type=printable})\). The sentiment score is calculated via the authors’ formula: \(\frac{\sum (-1 \times p_- \times p_0 \times p_+)}{\sum (p_- \times p_0 \times p_+)}\).

Usage

data(emoji_sentiment)

Format

A data frame with 734 rows and 10 variables

Details

- byte. Byte code representation of emojis
- name. Description of the emoji
- id. An id for the emoji
- sentiment. Sentiment score of the emoji
- polarity. The direction of the sentiment
- category. A category for the emoji
- frequency. How often the emoji occurred in Novak et. al.’s (2015) data
- negative. How often Novak et al. (2015) observed the emoji being used negatively
- neutral. How often Novak et al. (2015) observed the emoji being used neutrally
- positive. How often Novak et al. (2015) observed the emoji being used positively

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References


http://kt.ij.s.si/data/Emoji_sentiment_ranking/index.html

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freq_first_names

Frequent U.S. First Names

Description

A dataset containing frequent first names based on the 1990 U.S. census.

Usage

data(freq_first_names)

Format

A data frame with 5494 rows and 3 variables

Details

• Name. A first name
• prop. The proportion within the sex
• sex. The sex corresponding to the name

References


freq_last_names

Frequent U.S. Last Names

Description

A dataset containing frequent last names based on the 1990 U.S. census.

Usage

data(freq_last_names)
**function_words**

**Format**

A data frame with 14,840 rows and 2 variables

**Details**

- Surname. A last name
- prop. The proportion

**References**


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<th>Function Words</th>
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**Description**

A vector of function words from John and Muriel Higgins’s list used for the text game ECLIPSE. The list is augmented with additional contractions from key_contractions.

**Usage**

data(function_words)

**Format**

A character vector with 350 elements

**Copyright**

John Higgins

**References**

http://myweb.tiscali.co.uk/wordscape/museum/funcword.html
### grady_augmented

#### Augmented List of Grady Ward’s English Words and Mark Kantrowitz’s Names List

**Description**

A dataset containing a vector of Grady Ward’s English words augmented with Mark Kantrowitz’s names list, other proper nouns, and contractions.

**Usage**

```r
data(grade_augmented)
```

**Format**

A character vector with 122,806 elements

**Details**

A dataset containing a vector of Grady Ward’s English words augmented with proper nouns (U.S. States, Countries, Mark Kantrowitz’s Names List, and months) and contractions. That dataset is augmented for spell checking purposes.

**References**

Moby Thesaurus List by Grady Ward

### hash_emojis

#### Emoji Description Lookup Table

**Description**

A dataset containing ASCII byte code representation of emojis and their accompanying description (from unicode.org).

**Usage**

```r
data(hash_emojis)
```

**Format**

A data frame with 734 rows and 2 variables
hash_emojis_identifier  11

Details

• x. Byte code representation of emojis
• y. Emoji description

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References

http://www.unicode.org/emoji/charts/full-emoji-list.html

hash_emojis_identifier

Emoji Identifier Lookup Table

Description

A dataset containing ASCII byte code representation of emojis and their accompanying identifier (for use in the textclean or sentimentr packages).

Usage

data(hash_emojis_identifier)
hash_emoticons

Format
A data frame with 734 rows and 2 variables

Details
- x. Byte code representation of emojis
- y. Emoji description

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References
http://www.unicode.org/emoji/charts/full-emoji-list.html

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Description
A data.table key containing common emoticons (adapted from Wikipedia’s Page semi-protected 'List of emoticons').

Usage
data(hash_emoticons)
hash_grady_pos

Format
A data.table with 144 rows and 2 variables

Details
• x. The graphic representation of the emoticon
• y. The meaning of the emoticon

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References

Examples
```r
## Not run:
library(data.table)
hash_emoticons[c(':-(','0:)'])

## End(Not run)
```

Description
A dataset containing a hash lookup of Grady Ward’s parts of speech from the Moby project. The words with non-ASCII characters removed.

grady_pos_feature - A function for augmenting hash_grady_pos with 3 additional columns: (1) n_pos - the number of parts of speech a word has, (2) space - logical; indicating if a word contains a space, & (3) primary - logical; indicating if this is the most likely part of speech given the word.

Usage
data(hash_grady_pos)

grady_pos_feature(data)

Arguments
data This should be lexicon::hash_grady_pos.

Format
A data frame with 246,691 rows and 3 variables
hash_internet_slang

Details

- word. The word.
- pos. The part of speech; one of: Adjective, Adverb, Conjunction, Definite Article, Interjection, Noun, Noun Phrase, Plural, Preposition, Pronoun, Verb (intransitive), Verb (transitive), or Verb (usu. participle). Note that the first part of speech for a word is its primary use; all other uses are secondary.

Source

Originally downloaded from: http://icon.shef.ac.uk/Moby

Examples

```r
## Not run:
library(data.table)

hash_grady_pos <- grady_pos_feature(hash_grady_pos)
hash_grady_pos['dog']
hash_grady_pos[primary == TRUE, ]
hash_grady_pos[primary == TRUE & space == FALSE, ]

## End(Not run)
```

hash_internet_slang List of Internet Slang and Corresponding Meanings

Description

A dataset containing Internet slang terms and corresponding meaning. The data set is an augmented version of http://www.smart-words.org/abbreviations/text.html.

Usage

data(hash_internet_slang)

Format

A data frame with 175 rows and 2 variables

Details

- x. The slang term.
- y. The meaning.

References


http://www.smart-words.org/abbreviations/text.html
Description
A dataset based on Mechura’s (2016) English lemmatization list. This data set can be useful for join style lemma replacement of inflected token forms to their root lemmas. While this is not a true morphological analysis this style of lemma replacement is fast and typically still robust.

Usage
data(hash_lemmas)

Format
A data frame with 41,531 rows and 2 variables

Details
- token. An inflected token with affixes
- lemma. A base form

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References


<table>
<thead>
<tr>
<th>hash_nrc_emotions</th>
<th>NRC Emotion Table</th>
</tr>
</thead>
</table>

Description

A `data.table` dataset containing a filtered version of Mohammad & Turney’, P. D.’s (2010) emotion word list as lookup table.

Usage

data(hash_nrc_emotions)
**hash_sentiment_emojis**

**Format**
A data frame with 8265 rows and 2 variables

**Details**
- **token.** A search token indicating emotion.
- **emotion.** An accompanying emotion associated with the token.

**References**
http://www.purl.com/net/lexicons


---

**hash_sentiment_emojis  Emoji Sentiment Polarity Lookup Table**

**Description**
A dataset containing an emoji identifier key and sentiment value. This data comes from Novak, Smailovic, Sluban, & Mozetic’s (2015) emoji sentiment data. The authors used Twitter data and 83 coders to rate each of the the emoji uses as negative, neutral, or positive to form a probability distribution \((p_-, p_0, p_+)\) (http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0144296&type=printable). The sentiment score is calculated via the authors’ formula: 
\[
\frac{\sum (-1 \times p_- + 0 \times p_0 + p_+)}{\sum (p_- + p_0 + p_+)}
\] This polarity lookup table differs from the other ones included in the lexicon package in the the first column are not words but identifiers. These identifiers are found in the emojis_sentiment data set. The typical use case is to utilize the textclean or sentimentr packages’ replace_emoji to swap out emojis for a more computer friendly identifier.

**Usage**

```r
data(hash_sentiment_emojis)
```

**Format**
A data frame with 734 rows and 2 variables

**Details**
- **x.** Words
- **y.** Sentiment

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References


http://kt.ijs.si/data/Emoji_sentiment_ranking/index.html

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**Hu Liu Polarity Lookup Table**

**Description**

A data.table dataset containing an augmented version of Hu & Liu’s (2004) positive/negative word list as sentiment lookup values.

**Usage**

```r
data(hash_sentiment_huliu)
```

**Format**

A data frame with 6874 rows and 2 variables

**Details**

- **x.** Words
- **y.** Sentiment values (+1, 0, -1.05, -1, -2). -2 indicate phrasing that is always negative (e.g., 'too much fun' and 'too much evil' both denote negative though the following word is positive and negative respectively).

**References**


'https://www.cs.uic.edu/~liub/FBS/sentiment-analysis.html'
Description
A data.table dataset containing a modified version of Jocker’s (2017) sentiment lookup table used in syuzhet.

Usage
hash_sentiment_jockers

Format
An object of class data.table (inherits from data.frame) with 10738 rows and 2 columns.

Details
• x. Words
• y. Sentiment values ranging between -1 and 1.

References

Description
A data.table dataset containing a combined and augmented version of Jocks (2017) & Rinker’s augmented Hu & Liu (2004) positive/negative word list as sentiment lookup values.

Usage
data(hash_sentiment_jockers_rinker)

Format
A data frame with 11,710 rows and 2 variables
hash_sentiment_loughran_mcdonald

Details

• x. Words
• y. Sentiment

References


hash_sentiment_loughran_mcdonald

Loughran-McDonald Polarity Table

Description

A data.table dataset containing an filtered version of Loughran & McDonald’s (2016) positive/negative financial word list as sentiment lookup values.

Usage

data(hash_sentiment_loughran_mcdonald)

Format

A data frame with 2,702 rows and 2 variables

Details

• x. Words
• y. Sentiment values

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hash_sentiment_nrc

References

https://sraf.nd.edu/textual-analysis/resources/#Master%20Dictionary

hash_sentiment_nrc  NRC Sentiment Polarity Table

Description
A data.table dataset containing a filtered version of Mohammad & Turney’, P. D.’s (2010) positive/negative word list as sentiment lookup values.

Usage
data(hash_sentiment_nrc)

Format
A data frame with 5468 rows and 2 variables

Details
• x. Words
• y. Sentiment values (+1, -1)

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References
http://www.purl.com/net/lexicons


Examples
## Not run:
library(data.table)
hash_sentiment_nrc[c('happy', 'angry')]

## End(Not run)
hash_sentiment_senticnet

Augmented SenticNet Polarity Table

Description
A data.table dataset containing an augmented version of Cambria, Poria, Bajpai,& Schuller’s (2016) positive/negative word list as sentiment lookup values.

Usage
data(hash_sentiment_senticnet)

Format
A data frame with 23,626 rows and 2 variables

Details
• x. Words
• y. Sentiment values

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References

hash_sentiment_sentiword

Augmented Sentiword Polarity Table

Description
A data.table dataset containing an augmented version of Baccianella, Esuli and Sebastiani’s (2010) positive/negative word list as sentiment lookup values. This list has be restructured to long format. A polarity value was assigned by taking the difference between the original data set’s negative and positive attribution (PosScore − NegScore). All rows with a zero polarity were removed from the data set as well as any duplicated in the valence shifter’s data set.
Usage

data(hash_sentiment_sentiword)

Format

A data frame with 20,093 rows and 2 variables

Details

• x. Words
• y. Sentiment values

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References

https://sentiwordnet.isti.cnr.it

hash_sentiment_slangsd

SlangSD Sentiment Polarity Table

Description

A data.table dataset containing a filtered version of Wu, Morstatter, & Liu’s (2016) positive/negative slang word list as sentiment lookup values. All words containing other than "[a-z ']" have been removed as well as any neutral words.

Usage

data(hash_sentiment_slangsd)

Format

A data frame with 48,277 rows and 2 variables
Details

• x. Words
• y. Sentiment values (+1, -1)

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References


http://slangsd.com
hash_valence_shifters

References

https://github.com/sfu-discourse-lab/SO-CAL

Description
A data.table dataset containing a vector of valence shifter words that can alter a polarized word’s meaning and a numeric key for negators (1), amplifiers [intensifier] (2), de-amplifiers [downtoners] (3), and adversative conjunctions (4).

Usage
data(hash_valence_shifters)

Format
A data frame with 140 rows and 2 variables

Details
Valence shifters are words that alter or intensify the meaning of the polarized words and include negators and amplifiers. Negators are, generally, adverbs that negate sentence meaning; for example the word like in the sentence, "I do like pie.", is given the opposite meaning in the sentence, "I do not like pie.", now containing the negator not. Amplifiers (intensifiers) are, generally, adverbs or adjectives that intensify sentence meaning. Using our previous example, the sentiment of the negator altered sentence, "I seriously do not like pie.", is heightened with addition of the amplifier seriously. Whereas de-amplifiers (downtoners) decrease the intensity of a polarized word as in the sentence "I barely like pie"; the word "barely" deamplifies the word like. Adversative conjunction trump the previous clause (e.g., “He’s a nice guy but not too smart.”).

• x. Valence shifter
• y. Number key value corresponding to:

<table>
<thead>
<tr>
<th>Valence Shifter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negator</td>
<td>1</td>
</tr>
<tr>
<td>Amplifier (intensifier)</td>
<td>2</td>
</tr>
<tr>
<td>De-amplifier (downtoner)</td>
<td>3</td>
</tr>
<tr>
<td>Adversative Conjunction</td>
<td>4</td>
</tr>
</tbody>
</table>
key_contractions  
\textit{Contraction Conversions}

\textbf{Description}

A dataset containing common contractions and their expanded form.

\textbf{Usage}

data(key_contractions)

\textbf{Format}

A data frame with 70 rows and 2 variables

\textbf{Details}

- contraction. The contraction word
- expanded. The expanded form of the contraction

\textbf{key_corporate_social_responsibility}

\textit{Nadra Pencle and Irina Mălăescu’s Corporate Social Responsibility Dictionary}

\textbf{Description}

A dataset containing Pencle & Mălăescu’s Corporate Social Responsibility (CSR) Dictionary. The Corporate Social Responsibility Dictionary is a text analysis coding taxonomy that was used to predict initial public offerings for new companies. This particular list was taken from http://www.catscanner.net/dictionaries.php.

\textbf{Usage}

data(key_corporate_social_responsibility)

\textbf{Format}

A data frame with 1,421 rows and 3 variables

\textbf{Details}

- dimension. One of: "human_rights", "employee", "social_and_community", or "environment"
- regex. An associated search regex
- token. An associated word/token
key_grade

References
http://www.catscanner.net/dictionaries.php

key_grade  Grades Data Set

Description
A dataset containing common grades.

Usage
data(key_grade)

Format
A data frame with 15 rows and 2 variables

Details
• x. The graphic representation of the grade
• y. The meaning of the grade

key_rating  Ratings Data Set

Description
A dataset containing common ratings.

Usage
data(key_rating)

Format
A data frame with 35 rows and 2 variables

Details
• x. The graphic representation of the rating
• y. The meaning of the rating
**key_regressive_imagery**

*Colin Martindale's English Regressive Imagery Dictionary*

**Description**
A dataset containing Colin Martindale’s (1975, 1990) English Regressive Imagery Dictionary (RID). The Regressive Imagery Dictionary (RID) is a text analysis coding taxonomy that can be used to measure the degree to which a text is *primordial* vs. *conceptual*. This acts as a proxy for assessing the illusioner’s mental thinking in producing the text. This dictionary is essentially a bucketed grouping of regexes. The main level of bucketing is *thinking* and is either *primordial* vs. *conceptual*. Under the primordial group is the *primary* process group while the conceptual thinking includes *secondary* and *emotional* process groups. These can be further broken into categories and subcategories (subcategories for primary process only). Comparing the percentages of the buckets provides insight into the writer’s thinking. This particular list was taken from https://github.com/jefftriplett/rid.py.

**Usage**
```r
data(key_regressive_imagery)
```

**Format**
A data frame with 3,151 rows and 5 variables

**Details**
- **thinking.** Either primordial or conceptual
- **process.** One of three: primary (5 categories & 29 subcategories), secondary (7 categories), or emotional (7 categories)
- **category.** A level of bucketing lower than process
- **subcategory.** A level of bucketing lower than category (only applies to primary process)
- **regex.** An associated search regex

**License**
*The data set was extracted from https://github.com/jefftriplett/rid.py. Below is the license from Wiseman’s project.*

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References

https://provalisresearch.com/products/content-analysis-software/wordstat-dictionary/regressive-imagery-dictionary/

_________________________

key_sentiment_jockers  Jockers Sentiment Key

_________________________

Description

A dataset containing an imported version of Jocker’s (2017) sentiment lookup table used in syuzhet.

Usage

key_sentiment_jockers

Format

An object of class data.frame with 10748 rows and 2 columns.

Details

- word. Words
- value. Sentiment values ranging between -1 and 1.

References

**Description**

A collection of lexical hash tables, dictionaries, and word lists.

**modal_loughran_mcdonald**

**Loughran-McDonald Modal List**

**Description**

A dataset containing a character vector of Loughran & McDonald’s (2016) modal list. Wikipedia states: "A modal verb is a type of verb that is used to indicate modality - that is: likelihood, ability, permission and obligation."

**Usage**

data/modal_loughran_mcdonald

**Format**

A data frame with 61 rows and 2 variables

**Details**

- modal
- strength

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**References**


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nrc_emotions

nrc_emotions  NRC Emotions

Description
A data.table dataset containing Mohammad & Turney’, P. D.’s (2010) emotions word list as a binary table.

Usage
data(nrc_emotions)

Format
A data frame with 14182 rows and 9 variables

Details
- term. A term
- anger. Counts of anger
- anticipation. Counts of anticipation
- disgust. Counts of disgust
- fear. Counts of fear
- joy. Counts of joy
- sadness. Counts of sadness
- surprise. Counts of surprise
- trust. Counts of trust

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References
http://www.purl.com/net/lexicons

pos_action_verb  

**Action Word List**

**Description**

A dataset containing a vector of action words. This is a subset of the Moby project: Moby Part-of-Speech.

**Usage**

data(pos_action_verb)

**Format**

A character vector with 1569 elements

**Details**

From Grady Ward’s Moby project: "This second edition is a particularly thorough revision of the original Moby Part-of-Speech. Beyond the fifteen thousand new entries, many thousand more entries have been scrutinized for correctness and modernity. This is unquestionably the largest P-O-S list in the world. Note that the many included phrases means that parsing algorithms can now tokenize in units larger than a single word, increasing both speed and accuracy." Originally downloaded from: http://icon.shef.ac.uk/Moby

---

pos_df_irregular_nouns  

**Irregular Nouns Word Dataframe**

**Description**


**Usage**

data(pos_df_irregular_nouns)

**Format**

A data frame with 124 rows and 2 variables https://cms.azed.gov/home/GetDocumentFile?id=54de1d89aadebe14a8707103

https://en.wikipedia.org/wiki/English_plurals
Details

- singular. The singular form of the noun
- plural. The plural form of the noun

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---

pos_df_pronouns  Pronouns

Description

A dataset containing pronouns categorized by type, singular, point_of_view, and use. Note that 'you', and 'yours' appear twice because 'you' can be singular or plural.

Usage

data(pos_df_pronouns)

Format

A data frame with 34 rows and 5 variables

Details

- pronoun. The pronoun.
- type. The pronoun type; either "personal", "reflexive", or "possessive".
- singular. logical. If TRUE the pronoun is singular, otherwise it’s plural.
- point_of_view. The point of view; either "first", "second", or "third".

References

### pos_interjections: Interjections

**Description**

Vidar Holen’s dataset containing a character vector of common interjections compiled from: http://www.vidarholen.net/contents/interjections.

**Usage**

```r
data(pos_interjections)
```

**Format**

A character vector with 139 elements

**References**

http://www.vidarholen.net/contents/interjections/

### pos_preposition: Preposition Words

**Description**

A dataset containing a vector of common prepositions.

**Usage**

```r
data(pos_preposition)
```

**Format**

A character vector with 162 elements
profanity_alvarez  

Alejandro U. Alvarez's List of Profane Words

Description
A dataset containing a character vector of profane words from Alejandro U. Alvarez.

Usage
data(profanity_alvarez)

Format
A character vector with 438 elements

TermsOfUse
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References

profanity_arr_bad  

Stackoverflow user2592414’s List of Profane Words

Description
A dataset containing a character vector of profane words from Stackoverflow user2592414.

Usage
data(profanity_arr_bad)

Format
A character vector with 343 elements

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References
https://stackoverflow.com/a/17706025/1000343
profanity_banned  bannedwordlist.com’s List of Profane Words

Description
A dataset containing a character vector of profane words from bannedwordlist.com.

Usage
data(profanity_banned)

Format
A character vector with 77 elements

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References
http://www.bannedwordlist.com

profanity_racist  Titus Wormer’s List of Racist Words

Description
A dataset containing a character vector of racist words from Titus Wormer.

Usage
data(profanity_racist)

Format
A character vector with 470 elements
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**References**

https://github.com/words/profanities

---

**profanity_zac_anger**  
*Zac Anger’s List of Profane Words*

---

**Description**

A dataset containing a character vector of profane words from Zac Anger.

**Usage**

```r
data(profanity_zac_anger)
```

**Format**

A character vector with 3,076 elements

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The original authors note the data allows the following: "Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed." https://github.com/zacanger/profane-words/blob/master/LICENSE.md

**References**

https://github.com/zacanger/profane-words
sw_dolch  Leveled Dolch List of 220 Common Words

Description
Edward William Dolch’s list of 220 Most Commonly Used Words by reading level.

Usage
data(sw_dolch)

Format
A character vector with 220 elements

Details
Dolch’s Word List made up 50-75% of all printed text in 1936.
  • Word. The word
  • Level. The reading level of the word

References

sw_fry_100  Fry’s 100 Most Commonly Used English Words

Description
A stopword list containing a character vector of stopwords.

Usage
data(sw_fry_100)

Format
A character vector with 100 elements

Details
Fry’s Word List: The first 25 make up about one-third of all printed material in English. The first 100 make up about one-half of all printed material in English. The first 300 make up about 65% of all printed material in English.
References


sw_fry_1000  Fry’s 1000 Most Commonly Used English Words

Description

A stopword list containing a character vector of stopwords.

Usage

data(sw_fry_1000)

Format

A character vector with 1000 elements

Details

Fry’s 1000 Word List makes up 90% of all printed text.

References


sw_fry_200  Fry’s 200 Most Commonly Used English Words

Description

A stopword list containing a character vector of stopwords.

Usage

data(sw_fry_200)

Format

A character vector with 200 elements

Details

Fry’s Word List: The first 25 make up about one-third of all printed material in English. The first 100 make up about one-half of all printed material in English. The first 300 make up about 65% of all printed material in English.
References

Fry’s 25 Most Commonly Used English Words

Description
A stopword list containing a character vector of stopwords.

Usage
data(sw_fry_25)

Format
A character vector with 25 elements

Details
Fry’s Word List: The first 25 make up about one-third of all printed material in English. The first 100 make up about one-half of all printed material in English. The first 300 make up about 65% of all printed material in English.

References

Matthew Jocker’s Expanded Topic Modeling Stopword List

Description
A dataset containing a character vector of Jocker’s stopwords he used for topic modeling. He later resorted to eliminating everything but nouns: http://www.matthewjockers.net/2013/04/12/secret-recipe-for-topic-modeling-themes/.

Usage
data(sw_jockers)

Format
A character vector with 5,902 elements

References
http://www.matthewjockers.net/materials/uwm-2013
**sw_loughran_mcdonald_long**

*Loughran-McDonald Long Stopword List*

**Description**

A dataset containing a character vector of Loughran & McDonald’s (2016) long stopword list.

**Usage**

```r
data(sw_loughran_mcdonald_long)
```

**Format**

A character vector with 570 elements

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**sw_loughran_mcdonald_short**

*Loughran-McDonald Short Stopword List*

**Description**

A dataset containing a character vector of Loughran & McDonald’s (2016) short stopword list.

**Usage**

```r
data(sw_loughran_mcdonald_short)
```
Format

A character vector with 121 elements

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sw_lucene

Lucene Stopword List

Description

A dataset containing a character vector of Lucene’s stopwords used in StopAnalyzer. ENGLISH_STOP_WORDS_SE.

Usage

data(sw_lucene)

Format

A character vector with 33 elements

Details

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MALLOW Stopword List

Description
A stopword list containing a character vector of stopwords.

Usage
data(sw_mallet)

Format
A character vector with 523 elements

Details
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References

http://mallet.cs.umass.edu

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**sw_python**

*Python Stopword List*

**Description**

A dataset containing a character vector of Python’s stopwords.
Usage

data(sw_python)

Format

A character vector with 174 elements

Details

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References

https://pypi.python.org/pypi/stop-words
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