


bricks



83 bricksYou got an idea for a new brick? →Issues 43Star us on GitHub 383


< Filter 17 out of 17

Execution type

Differentiate between open-source functions, APIs, and active learner modules for [refinery](#).

☒ All


☐ Python



Cosine similarity

Calculates the cosine similarity between two sentences.


Python



Decision tree

A a decision tree classifier head for active transfer lear...


Active learner



Emotionality detection

Emotionality detection from English text.


Python



GPT classifier

GPT-3 model which can be used to correct the gramm...


API



Grid search

A grid search classification head for active learning.

Active learner



Language detection

Detects the language of a given text.

Python

☐ Active learner

☐ Use case grouping

☐ Similarity

☐ Gdpr compliant

☐ Active learner

☐ Text analysis

Choose from the use cases you want to see (optional, you can select multiple).

- openHPI: ChatGPT: Was bedeutet generative KI für unsere Gesellschaft? -

Exkurs: open-source bricks (Kern AI)

Johannes Hötter
Christian Warmuth

Recap

Am Beispiel: OpenAssistant

Dataset Preview Size: 41.6 MB </> API Go to dataset viewer

Split

train (84.4k rows)

del_name (string)	detoxify (dict)	message_tree_id (string)	tree_state (string)	emojis (sequence)	labels (sequence)
null	{ "toxicity": 0.00044308538781479, "severe_toxicity": 0.0003252684837207198, "obscene": 0.00023475120542570949, "identity_attack": 0.0001416115992469713, "insult": 0.00039489680784754455, "threat": 0.00004075629112776369, "sexual_explicit": 0.00002712695459194947 }	"6ab24d72-0181-4594-a9cd-deaf170242fb"	"ready_for_export"	{ "name": ["+1", "_skip_reply", "_skip_ranking"], "count": [10, 1, 4] }	{ "name": ["spam", "lang_mismatch", "pii", "not_appropriate", "hate_speech", "sexual_content", "quality", "toxicity", "humor", "creativity", "violence"], "value": [0, 0, 0, 0, 0, 0, 0.9166666666666666, 0.16666666666666666, 0.3333333333333333, 0.6666666666666666, 0], "count": [3, 3, 3, 3, 3, 3, 3, 3, 3] }

< Previous 1 2 3 ... 845 Next >

Exkurs:
Open Source bricks

Johannes Hötter,
Christian Warmuth

openHPI

Ziele von bricks

Ziele:

- Wiederverwendbarer Code für gängige Probleme in der Sprach- und Textverarbeitung
- Filterbar nach bestimmten Kriterien, z.B. DSGVO-Konformität
- Open-source, und somit auch ein guter Einstieg für alle, die Natural Language Processing (NLP, Sprachverarbeitung) lernen wollen

Format:

- Ein brick ("Baustein") definiert eine Aufgabe, die man lösen möchte, z.B. Sprache zu übersetzen; dafür werden eine oder mehrere Python-Implementierung gezeigt

Exkurs: Open Source bricks

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Demo bricks.kern.ai

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
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