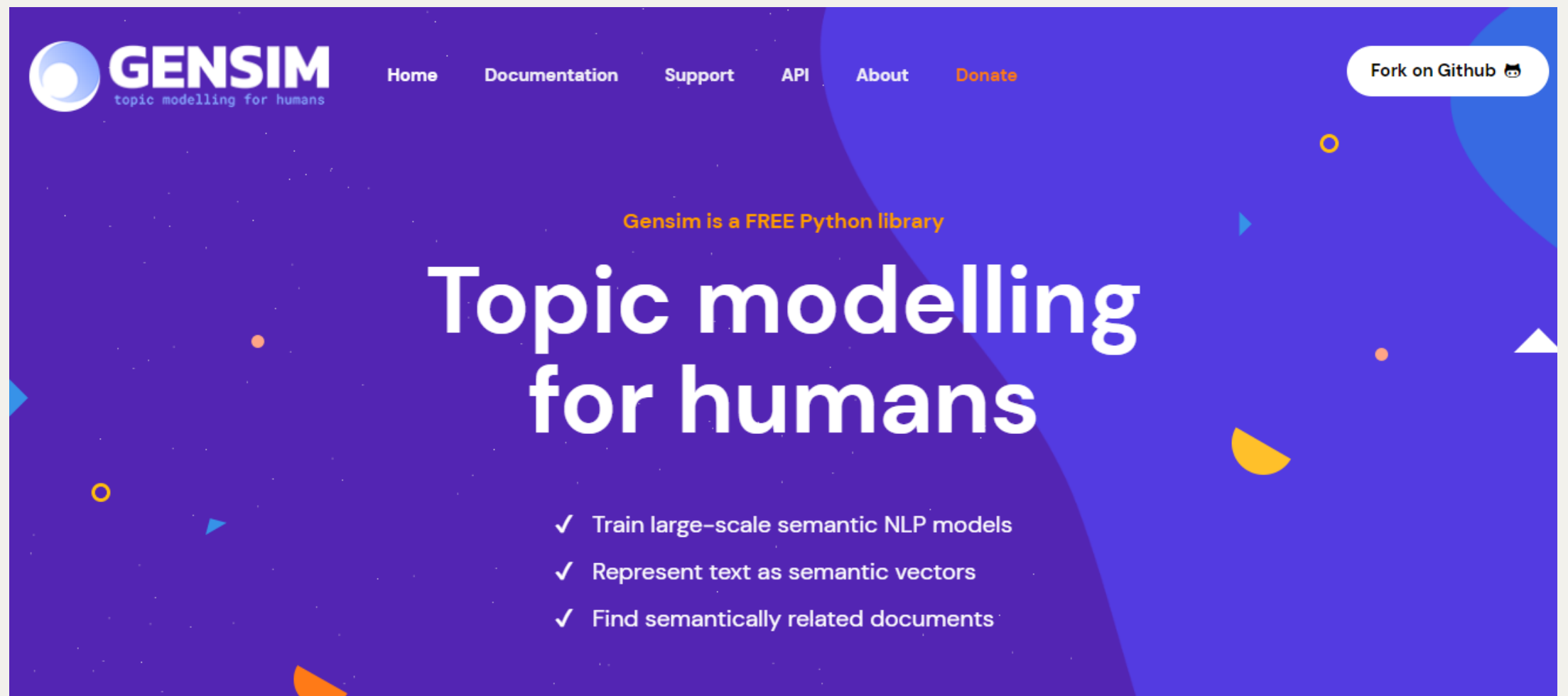


# BEST TOPIC MODELING PYTHON LIBRARIES TO USE IN 2022

READ MORE



# GENSIM

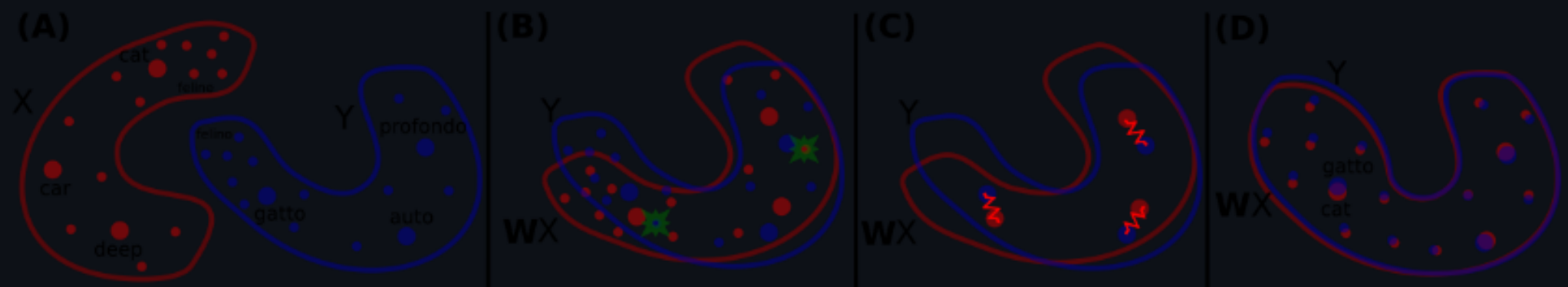


<https://radimrehurek.com/gensim/>



# MUSE

## MUSE: Multilingual Unsupervised and Supervised Embeddings



MUSE is a Python library for *multilingual word embeddings*, whose goal is to provide the community with:

- state-of-the-art multilingual word embeddings (*fastText* embeddings aligned in a common space)
- large-scale high-quality bilingual dictionaries for training and evaluation

We include two methods, one *supervised* that uses a bilingual dictionary or identical character strings, and one

<https://github.com/facebookresearch/MUSE>

# TEXTHERO

Texthero

[Getting started](#) [Tutorial](#) [API](#) [GitHub](#)



Text preprocessing, representation and visualization from zero to hero.

Texthero is a python package to work with text data **efficiently**.  
It empowers NLP developers with a tool to quickly understand any text-based dataset and  
it provides a solid pipeline to clean and represent text data, from zero to hero.

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<https://texthero.org/>



# BERTOPIC



<https://github.com/MaartenGr/BERTopic>

# SCATTERTEXT



The screenshot shows the GitHub repository page for Scattertext. At the top, there's a navigation bar with a hamburger menu icon and the text 'README.md'. Below this, there's a row of status badges: 'build passing' (green), 'pypi v0.1.6' (orange), 'GITTER join chat' (green), a 'Follow' button with a Twitter icon, and a '466' badge. The main heading is 'Scattertext 0.1.6'. Below the heading, there's a paragraph describing the tool: 'A tool for finding distinguishing terms in corpora and displaying them in an interactive HTML scatter plot. Points corresponding to terms are selectively labeled so that they don't overlap with other labels or points.' Another paragraph follows: 'Below is an example of using Scattertext to create visualize terms used in 2012 American political conventions. The 2,000 most party-associated unigrams are displayed as points in the scatter plot. Their x- and y- axes are the dense ranks of their usage by Republican and Democratic speakers respectively.'

<https://github.com/JasonKessler/scattertext>



# LDA

## lda: Topic modeling with latent Dirichlet Allocation

lda implements latent Dirichlet allocation (LDA) using collapsed Gibbs sampling. lda is fast and can be installed without a compiler on Linux and macOS.

The interface follows conventions found in [scikit-learn](#). The following demonstrates how to inspect a model of a subset of the Reuters news dataset. (The input below, `x`, is a document-term matrix.)

<https://lda.readthedocs.io/en/latest/>

# ETM



<https://github.com/MilaNLProc/contextualized-topic-models>



**To learn more about NLP  
and NLP project examples,  
go to the link below:**

**[omdena.com/blog](https://omdena.com/blog)**