

This repository

Search

Pull requestsIssuesMarketplaceGist

aimacode / aima-data

Watch

17

Star

77

Fork

57

Code

Issues0

Pull requests1

Projects0

Wiki

Insights

Data files to accompany the algorithms from Norvig And Russell's "Artificial Intelligence - A Modern Approach"

16 commits

1 branch

0 releases

5 contributors

Branch: master

New pull request

Create new fileUpload filesFind fileClone or download

norvig

committed on GitHub Merge pull request #6 from chocochino/master

Latest commit 6ce56c0 on 3 Mar

EN-text	adds sgb-words (five-letter words list) to the database	a year ago
MAN	Add datasets for AIMA 3rd version	a year ago
MNIST	modifies file descriptions in mnist.txt	a year ago
LICENSE.md	Update LICENSE	9 months ago
README.md	adds source & description file for MNIST data	a year ago
ascii-robotdata1.log	Add datasets for AIMA 3rd version	a year ago
ascii-robotdata1.txt	Add datasets for AIMA 3rd version	a year ago
iris.csv	Add datasets for AIMA 3rd version	a year ago
iris.txt	Add datasets for AIMA 3rd version	a year ago
orings.csv	Add datasets for AIMA 3rd version	a year ago
orings.txt	Add datasets for AIMA 3rd version	a year ago
restaurant.csv	Add datasets for AIMA 3rd version	a year ago
zoo.csv	Add datasets for AIMA 3rd version	a year ago
zoo.txt	Add datasets for AIMA 3rd version	a year ago

README.md

aima-data

Data files to accompany the algorithms from Norvig And Russell's *Artificial Intelligence - A Modern Approach*. The idea is that the same data files can be used with any of the implementations: aima-java , aima-python , aima-lisp , or eventually aima-javascript .

The data is divided into three types:

- Range data for Robot Localization
- Machine Learning data sets
- English text

We'll list the source files for each of the three:

Range data for Robot Localization

ascii-robotdata1.log	The data
ascii-robotdata1.txt	Description of the data

Machine Learning Data Sets

iris.csv	Data on different types of iris flowers
----------	---

orings.csv	Data from O-rings on space shuttle missions
restaurant.csv	Restaurant example from the textbook
zoo.csv	Animals and their characteristics
iris.txt	Descriptions of the above files
orings.txt	
zoo.txt	
MNIST/	
train-images-idx3-ubyte	60,000 training images
train-labels-idx1-ubyte	60,000 labels for training images
t10k-images-idx3-ubyte	10,000 testing images
t10k-labels-idx1-ubyte	10,000 labels for testing images
mnist.txt	Description of MNIST files

English text

MAN/	
*.txt	Various Unix "man page" entries
EN-text/	
wordlist.txt	A list of 173000 English words
spam.txt	Collection of spam emails
gutenberg.txt	Copyright notice from Project Gutenberg, where rest comes from
flatland.txt	The novel Flatland
pride.txt	Pride and Predjudice
sense.txt	Sense and Sensibility
zola.txt	Works of Emile Zola
sgb-words.txt	The list of 5757 five-letter English words