哲多(WHIWH-1) -> - 至 logo (WHIWH) 防止浴室数连旋相至之后都溢出,我对数 00V: [Out of vacabulary)在学期, pagerank有面 外生就他可以生成摄影不过强电行告日益则。 Vtextrank天向图 textrank 如此 进行关键词程取。 人名特里 这种复数 (demo_text_clustering. Py): 设在特里 (demo_text_clustering. Py): 设在特里 (demo_text_clustering. Py): 设在特里 (demo_text_clustering. Py): 距离一种似乎。 埃州中解,随机造水水的超速中心, 为 腾讯全议 可以开放证 把这别分最近的那一类。 根据强调距离判断,满止这种。 自有函数 K-means: jianshu.am/p/fcs/fed8c77b, 数处量水,数用是量大。 可情外相似度 文本教参与一般用主题模型, 城间,据用词文档所量 His. coblogs com / bi anding / p/887:8088. html Sigmoid 分差, demo_word 2 vec 的向量, word 2 vec 的向量, 一个的用一个向量点 [13年後數] 剧路 (skip-gram) 和阅数模型 (cBOW)。其中 SKIp gram 用中心的协则强的。 用周围的中心的 Softmax多分类。 丰度:是指一种化学、李在其个自然对重量占这个自然对是重量的相对分数。 完全的说别,复用BMES 标题。另本成绩名实体的争词。统一有话的 O (nutside) 现现存在的实体, class Cluster Analyzer 12: def read tat left. det cal_tfidf(se(f): def_init_lself| document fide() pass

self.document fide() pass

self.document def text Pass def text-process (self). def cal-dist selfs
pass · def adddocum ent (self, path):
self. clocum ont = self-road - text (path) def cal zone(self):

def add_doaument (self, path): def save text (self): for i in range/ool: pass if __name__ = ___main____ file_path = 05. path. join (path, of]. (xt. for matliti) data-patheos.-path.jointain with open (file-path, encoding='utf-p') as f. kmeans= Cluster Annalyzer() self. document [str(itil)=f. read] self. text-process()
kmeans. add-document(data_path) 文字23里和 模块是一样的产业全块模 print (kmeans. document) os path. dir name (-file-) 有 debug 进程对有debug probe 习以来 nit中斯B self. process document=[], self. word table=[] Segment = Double Array Trie Segment () stopwords = Stopwords () def text - process (self): for file_id, text in self. document.items(): sett. process_document [file-id] = Iterm. word for term in self. segment, seg · word_list. extend If not self. stopwords. contains key (term · word)]
self. word_table = (ist (set/word-list)) def fit (self, k): #in) 其kmeans self. cal_tfidfl) #雪表文为固定的/维度 def cal-fidfleth: for file-id, text in self-process_document items():

for word in textinity of list=ToJ*/len lself.word-table)

for word in textinity word text

word text

tfidf-list. Ansert (self-word-table index (word), self, tfl) + self. idfl)). self. do cument-itidf [file-id] = tfidf-list

def tflælf):	
c voturn text, count (wrd) //enltext)	
def idf, if, nord to	Ailo_id, test
return vo. log (len (self doament 1/	sum [] for self. To cument, items () if word in
def fit leff, num = 数据	,
the fit seg, num settings	textJ) ('j': L1, 2, 5 J, 12': LJ-) (i') Center': L J, fik.id: L J dict from love (see 7, 110 lue))
self.cal-tfidfl)	(1.21.21.21.21.21.21.21.21.21.21.21.21.21
self. cluster_dict=dict.from keys (range 11, k+11, f,3)	Validy Center: [], fik_id;[]
(runge (1) Kin,)	one dict, from keys (seq I, value))
Self. oluster - drol z dict. fromkeye (rango	(1, kt), s'center! Hone, file-name?: Thone
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VVNITE COUNTY HIM THAT THE MY THE STREET	
for file_id, text in self. documents. the for in self. duster dict duster_id, cluster	itidf, itemsl):
for in self duster dict	items ():
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min_distitax append Yext_dist. index (min (text_dist))	
all all maex (min (text-disci)	1 (c/. 24)2
Self cluster_dictImin_dist_ rdx]['fik_id']. append (file_id)	
def cal-dist (self, arri, arri); array(arri)	用nungay更很,在后用cpath,
def cal-dist (self, arri, arri) parray(arri) Anumay東ル, 在屋用cpath, return np. sqrt(np.sum((arri-arrz)***********************************	
Me girray (arrs)	

for in range (1, k+1): # fromkey: 前流湖里的道那是一样的 Self. cluster dict[i] = { "center":[], file_1d':[]) #前面的刻始版 更新教中心: self. up date_cluster_center() def up date cluster _ center lself: for cluster_id, cluster in self. cluster_idict. items!):

text_ifidf.append file_id in cluster-I' file_id'):

text_ifidf.append

text_ifidf.append

text_ifidf.list

text_ididf.list arr_text_ifidf=np. array (text -ifidf) no. mean (arr_text_ifidf, axis =0).

avg_cluster_center

print(avg_cluster_center, shape #21333//2) Self. cluster_dict [cluster_id] ['center'] = avg_cluster_center, 更新说在,在While count<num 2在情空9elf_Cluster_dict for i in range (1, kp): self. cluster_dict WI L'file_id']= [] det save-text (self): Jor duster_id, cluster in self. cluster_dict.items (): it os. path. exists (str(cluster_id)): os, mkdir (str (cluster_id)): 书创建文件来 for file _id in cluster ['cluster]: \file_id 1) - file-path = 0s. path. join (Str(cluster_id), fl. text', format with open (file-path, 'w', encoding = 'utf-d') as f:

f. write (self. accument Ifile-10] 主题模型 (种风题、用的够) 现在文本分类一般用跃度学品、不用机器学习。 word 2 vec為上了这类系的,(在pyhan lo T statict data 中 Word 2 yec 文件 N(U: 自然 管理解(P 等所调合数·19 信息 信息病)。 证据(P 前股份),持续还 知为我们的我们上处人人看的话的变形的 油义分析「河义的技 le/mo编决一词多义) 语义能标注 诞汇 向于压格的向量化表示 文本分类/情经分析 应用了机能翻 (难) 信息抽象 安排的 安排的 军事开始取 事开始取 数据 (15高) 姚澄 刘锡扬 阳智系统

NG、小文本植性