机器学习

(对这些多去了解就好)基础

https://ailearning.apachecn.org/#/docs/ml/1

KNN

https://ailearning.apachecn.org/ailearning/#/docs/ml/2

https://zhuanlan.zhihu.com/p/28656126

Decision Tree

https://cuijiahua.com/blog/2017/11/ml_2_decision_tree_1.html

https://cuijiahua.com/blog/2017/11/ml_3_decision_tree_2.html

Native Bayes

https://cuijiahua.com/blog/2017/11/ml_4_bayes_1.html

SVM

https://cuijiahua.com/blog/2017/11/ml_8_svm_1.html

https://cuijiahua.com/blog/2017/11/ml_9_svm_2.html

Apriori

https://ailearning.apachecn.org/#/docs/ml/11

FP-Growth

https://ailearning.apachecn.org/#/docs/ml/12

PCA降维

https://ailearning.apachecn.org/ailearning/#/docs/ml/13

https://zhuanlan.zhihu.com/p/57062158

任务要求

对ex7faces.mat进行PCA降维实现，要求从1024维降到100维

SVD奇异值分解

https://zhuanlan.zhihu.com/p/130439386

https://www.imooc.com/article/267351

最后任务要求：

尝试根据该数据表（data.xlsx）中的“视频标题”和“视频描述”作为输入的x，“视频分区”作为输出的y，用贝叶斯分类器构建出一个视频分区预测器。

其中你将会接触到TF-IDF等文本向量构建，并且建议使用jieba库进行中文分词的处理

参考：https://cloud.tencent.com/developer/article/1132264