

movielens 项目进行

1. 项目环境包依赖安装

1. 安装papermill、scrapbook包
2. 安装recommenders包。

安装失败，提示如下

```
error: Microsoft Visual C++ 14.0 or greater is required. Get it with "Microsoft C++ Build Tools": https://visualstudio.microsoft.com/visual-cpp-build-tools/
```

解决：安装c++ build tools生成工具。大约8g大小，安装在目录cppbuild下。提示安装了如下包

```
Successfully installed category-encoders-1.3.0 cornac-1.14.2 lightfm-1.17 lightgbm-3.3.5  
pandera-0.14.5 powerlaw-1.5 recommenders-1.1.1 scikit-learn-1.0.2 scikit-surprise-  
1.1.3
```

2. wikidata数据抽取问题

在使用find_wikidata_id方法抽取wikidata中的数据时遇到错误

```
1  entity_id = find_wikidata_id(name)
2      if entity_id == "entityNotFound":
3          continue
4      """
5      返回结果
6      ENTITY NOT FOUND
7      ENTITY NOT FOUND
8      ENTITY NOT FOUND
9      ENTITY NOT FOUND
10     ENTITY NOT FOUND
11     ENTITY NOT FOUND
12     ENTITY NOT FOUND
13     """
```

find_wikidata_id函数包含：

```
1  except Exception:
2      # TODO: distinguish between connection error and entity not found
3      logger.error("ENTITY NOT FOUND")
4      return "entityNotFound"
```

初步推断：是url出了问题，本地挂梯子也没用。