17-18赛季NBA常规赛结果预测--软件安装过程指导

`bbbb实用软件工程期末`

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提示：不需要在本机额外安装python库，项目不兼容python3

- 项目github地址：

```
https://github.com/Li-Yingmin/nba_prediction
```

- Linux操作系统（或者Windows10内嵌的Ubuntu系统）
- 会使用基本的命令行指令

按照如下步骤进行安装：

(1）安装virtualenv

```
$ sudo apt-get install virtualenv
```

(2）克隆项目

```
$ git clone https://github.com/Li-Yingmin/nba_prediction.git
```

(3)激活`python2.7`虚拟环境

```
$ source 项目之前的目录/nba_prediction/nba_pre_demo/bin/activate
```

(4)修改需要预测的比赛日程

修改以下目录的`17-18Schedule.csv`文件即可：

```
目录/nba_prediction/nba_pre_demo/proj/data/17-18Schedule.csv
```

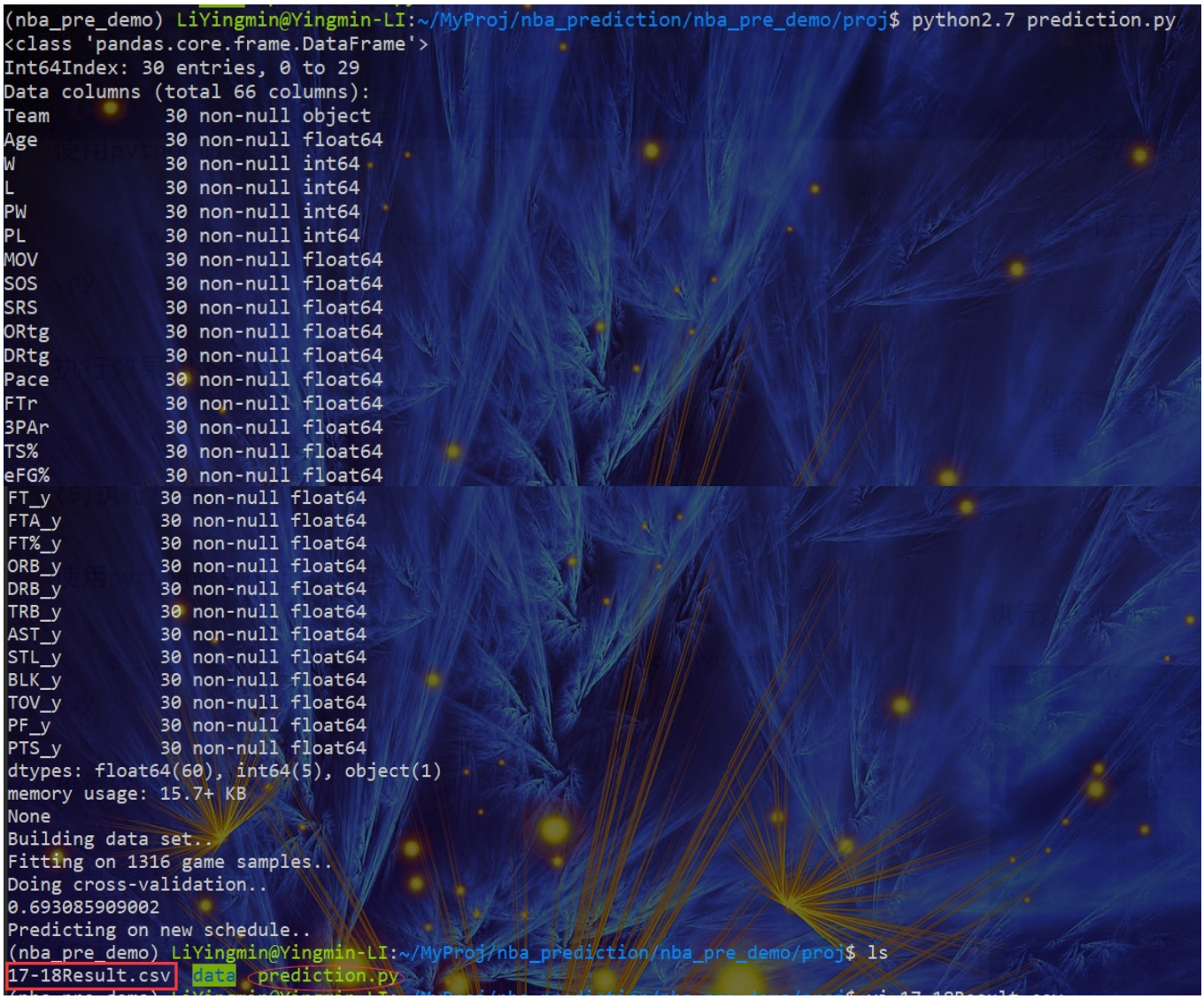
如不需要修改，可以保留原文件，原文件中存储的是12月份和1月份的比赛日程。

(5)执行程序

使用python命令执行以下可执行文件：

```
$ python 目录/nba_prediction/nba_pre_demo/proj/prediction.py
```

执行效果如下图：



(6)运行结果

执行结束之后会在`prediction.py`所在目录生成`17-18Result.csv`

	date	win	lose	probability
2	Fri Dec 1 2017	Chicago Bulls	Sacramento Kings	0.622669421
3	Fri Dec 1 2017	San Antonio Spurs	Memphis Grizzlies	0.83544648
4	Fri Dec 1 2017	Miami Heat	Charlotte Hornets	0.576486535
5	Fri Dec 1 2017	Oklahoma City Thunder	Minnesota Timberwolves	0.909592301
6	Fri Dec 1 2017	Golden State Warriors	Orlando Magic	0.877420018
7	Fri Dec 1 2017	Toronto Raptors	Indiana Pacers	0.712923437
8	Fri Dec 1 2017	Utah Jazz	New Orleans Pelicans	0.724010722
9	Fri Dec 1 2017	Washington Wizards	Detroit Pistons	0.559413039
10	Sat Dec 2 2017	Boston Celtics	Phoenix Suns	0.853777969
11	Sat Dec 2 2017	Atlanta Hawks	Brooklyn Nets	0.829205324
12	Sat Dec 2 2017	Cleveland Cavaliers	Memphis Grizzlies	0.88201385
13	Sat Dec 2 2017	Los Angeles Clippers	Dallas Mavericks	0.632254791
14	Sat Dec 2 2017	Denver Nuggets	Los Angeles Lakers	0.7349238
15	Sat Dec 2 2017	Milwaukee Bucks	Sacramento Kings	0.51556504