

法律声明

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□ 课程详情请咨询

■ 微信公众号：大数据分析挖掘

■ 新浪微博：ChinaHadoop







































































































第八讲



模拟掷骰子 1.0

案例描述

- 通过计算机程序模拟抛掷骰子，并显示各点数的出现次数及频率
- 比如，抛掷2个骰子50次，出现点数为7的次数是8，频率是0.16

案例描述

- 通过计算机程序模拟抛掷骰子，并显示各点数的出现次数及频率
- 1.0功能：模拟抛掷1个骰子，并输出其结果

案例分析

- 如何通过Python模拟随机事件？或者生成随机数？
 - random模块
- 遍历列表时，如何同时获取每个元素的索引号及其元素值？
 - enumerate()函数

random模块

- random模块用于生成随机数
- 常用函数

函数	含义
random()	生成一个[0, 1.0)之间的随机浮点数
uniform(a, b)	生成一个a到b之间的随机浮点数
randint(a, b)	生成一个a到b之间的随机整数
choice(<list>)	从列表中随机返回一个元素
shuffle(<list>)	将列表中元素随机打乱
sample(<list>, k)	从指定列表中随机获取k个元素

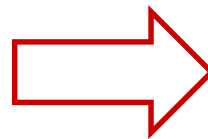
- 更多random模块的方法请参考：

<https://docs.python.org/3/library/random.html>

enumerate()函数

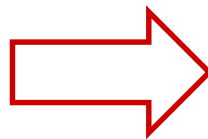
- enumerate()函数用于将可遍历的组合转换为一个索引序列
- 一般用于for循环中，同时列出元素和元素的索引号

```
l = ['a', 'b', 'c', 'd', 'e']  
for x in l:  
    print(x)
```



```
a  
b  
c  
d  
e
```

```
l = ['a', 'b', 'c', 'd', 'e']  
for i, x in enumerate(l):  
    print('{}--{}'.format(i, x))
```



```
0--a  
1--b  
2--c  
3--d  
4--e
```


Next?

- 模拟抛掷2个骰子并输出结果



疑问

□ 问题答疑：<http://www.xxwenda.com/>

■ 可邀请老师或者其他人回复问题

小象问答邀请 @Robin_TY 回答问题



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