

# 法律声明

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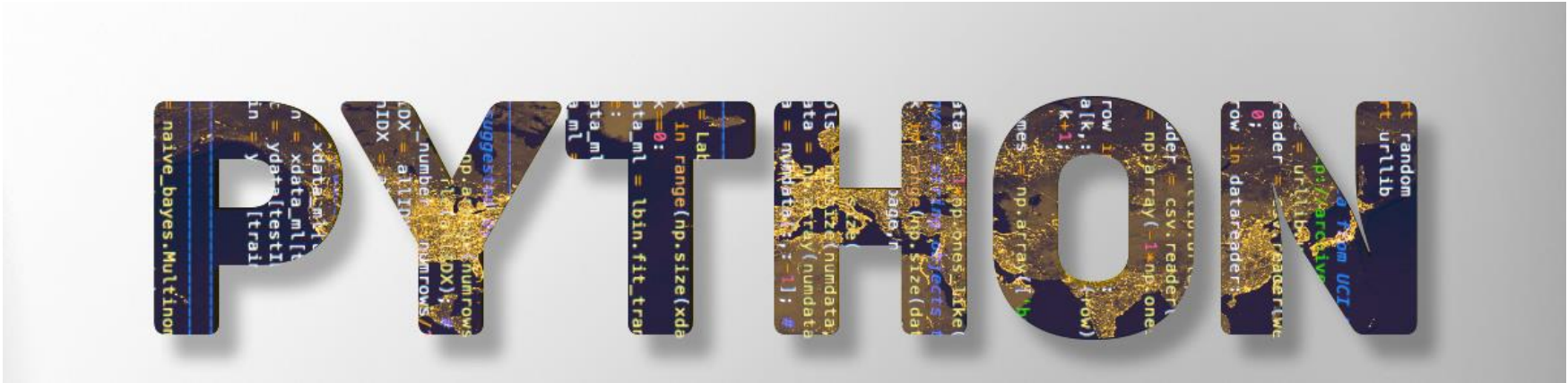
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■ 微信公众号：大数据分析挖掘

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# 零基础Python入门

## --梁斌

# 第一讲

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## 程序设计基础 -- Python开发环境配置(1)

# Python开发环境配置

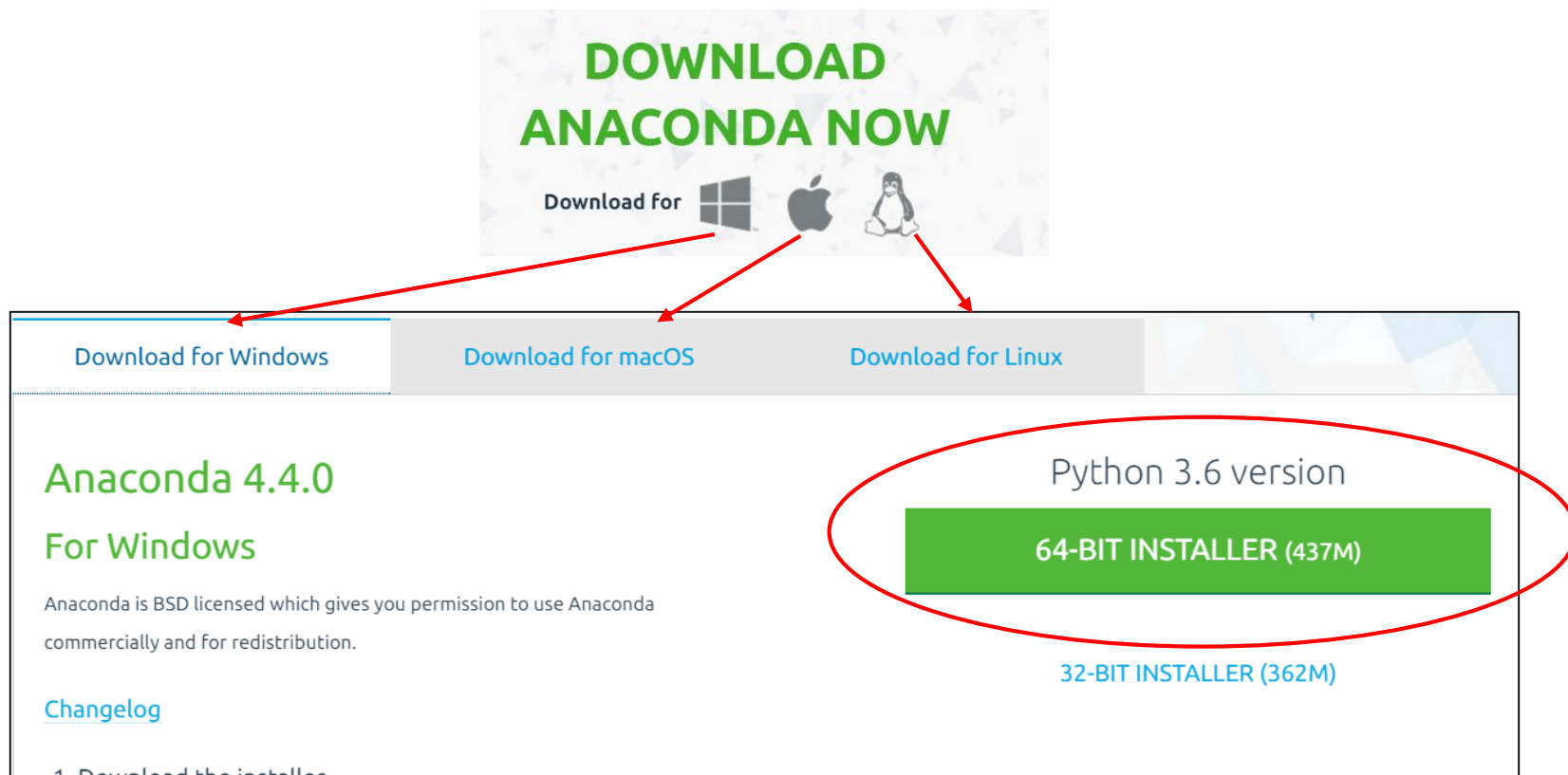
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## 安装Anaconda

- Anaconda是Python的一个科学计算发行版，内置了数百个Python经常会使用的库，也包括做机器学习或数据挖掘的库，如Scikit-learn、NumPy、SciPy和Pandas等，其中可能有一些是TensorFlow的依赖库
- Anaconda提供了一个编译好的环境可以直接安装
- Anaconda自动集成了最新版的MKL ( Math Kernel Library ) 库，加速矩阵运算和线性代数运算
- Anaconda <https://www.continuum.io/downloads>
- 根据操作系统下载对应版本的64位的Python3.x版

# Python开发环境配置

## 安装Anaconda



The image shows the Anaconda download page. At the top, a banner says "DOWNLOAD ANACONDA NOW" with icons for Windows, macOS, and Linux. Below this, there are three tabs: "Download for Windows", "Download for macOS", and "Download for Linux". The "Download for Windows" tab is selected. Under this tab, it says "Anaconda 4.4.0 For Windows". Below that, it says "Anaconda is BSD licensed which gives you permission to use Anaconda commercially and for redistribution." and "Changelog". On the right side, there are two buttons: "64-BIT INSTALLER (437M)" and "32-BIT INSTALLER (362M)". The "64-BIT INSTALLER (437M)" button is circled in red. Above the buttons, it says "Python 3.6 version".

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Changelog

1. Download the installer

Python 3.6 version

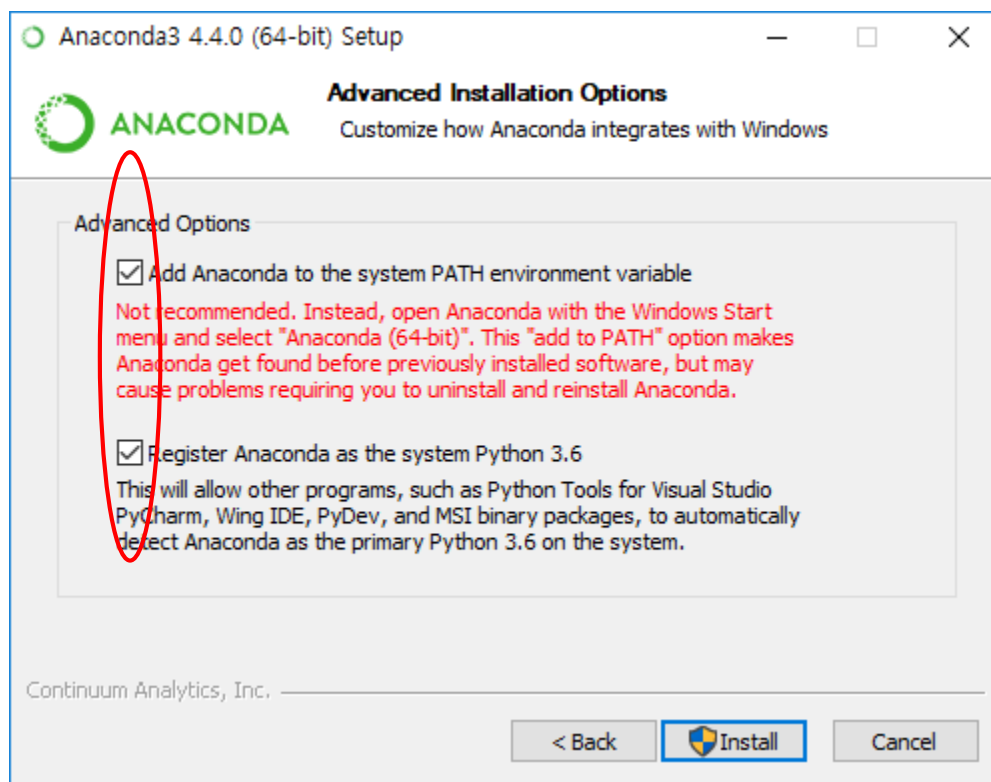
64-BIT INSTALLER (437M)

32-BIT INSTALLER (362M)

# Python开发环境配置

## 安装Anaconda

确认勾选将Python添加到系统环境变量



# Python开发环境配置

## 集成开发环境 ( IDE ) -- IDLE

### 1. 命令行输入python

```
Python 3.5.2 |Anaconda custom (64-bit)| (default, Jul 5 2016, 11:41:13)
Type "help", "copyright", "credits" or "license" for more information.
>>> print('Hello Python')
Hello Python
```

### 2. 命令行输入ipython

```
Python 3.5.2 |Anaconda custom (64-bit)| (default, Jul 5 2016, 11:41:13)
Type "copyright", "credits" or "license" for more information.

IPython 5.1.0 -- An enhanced Interactive Python.
?                -> Introduction and overview of IPython's features.
%quickref        -> Quick reference.
help             -> Python's own help system.
object?         -> Details about 'object', use 'object??' for extra details.

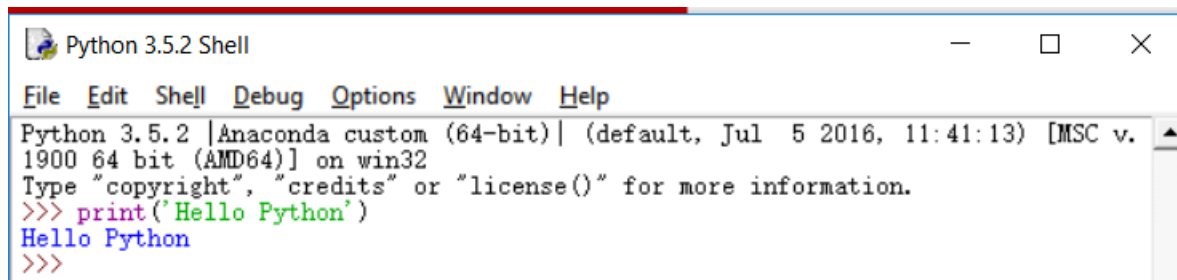
In [1]: print('Hello Python')
Hello Python

In [2]:
```

# Python开发环境配置

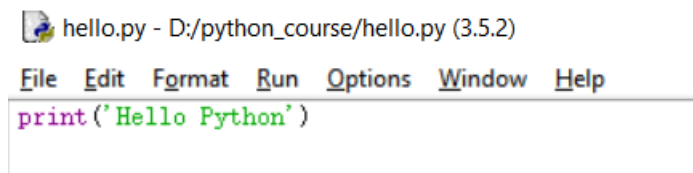
集成开发环境 ( IDE ) -- IDLE

## 3. 启用IDLE



```
Python 3.5.2 Shell
File Edit Shell Debug Options Window Help
Python 3.5.2 |Anaconda custom (64-bit)| (default, Jul 5 2016, 11:41:13) [MSC v.
1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> print('Hello Python')
Hello Python
>>>
```

## 4. 通过IDLE新建hello.py文件，命令行运行python hello.py



```
hello.py - D:/python_course/hello.py (3.5.2)
File Edit Format Run Options Window Help
print('Hello Python')
```



```
(py35) D:\python_course>python hello.py
Hello Python
```

或者 IDLE里选择Run



# Next?

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- 有没有更加高效的编写Python代码的工具呢？



# 疑问

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□ 问题答疑：<http://www.xxwenda.com/>

■ 可邀请老师或者其他人回复问题

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