

## Prerequisites for "Python and Oracle Database: Scripting for the Future BYOL (HOL5052)"

- Install Python (version 2.7, 3.5, 3.6 or 3.7) and install cx\_Oracle (version 6 or 7).
  - Oracle Linux users can follow <https://yum.oracle.com/oracle-linux-python.html>
  - For other operating systems see <https://cx-oracle.readthedocs.io/en/latest/installation.html#quick-start-cx-oracle-installation>

- Check cx\_Oracle works by running the python executable and entering the following two lines at the Python prompt ">>>". Do not put any leading white space before each line:

```
import cx_Oracle
c = cx_Oracle.Connection('un', 'pw', 'doesnotexist')
```

You should see an Oracle error like 'ORA-12154'. If you use valid database credentials, you won't see an error. If you get 'DPI-1047' you have NOT installed correctly.

- Download and unzip the lab tutorial, which is in the "samples/tutorial" directory of the cx\_Oracle source code [https://github.com/oracle/python-cx\\_Oracle/archive/master.zip](https://github.com/oracle/python-cx_Oracle/archive/master.zip)