

Editor - /home/bcolsen/Spyder\_Error\_driver.py

IPython console

Spyder\_Error\_driver.py x Spyder\_Error\_Demo.py

Console 1/A x

```
1  #!/usr/bin/env python3
2  # -*- coding: utf-8 -*-
3  """
4  Created on Thu Jul  5 23:47:35 2018
5
6  @author: bcolsen
7  """
8
9  import Spyder_Error_Demo as SED
10 labels_keep = SED.Spyder_Error_Demo()
11 print(labels_keep)
12
```

Python 3.6.5 |Anaconda custom (64-bit)| (default, Apr 29 2018, 16:14:56)  
Type "copyright", "credits" or "license" for more information.

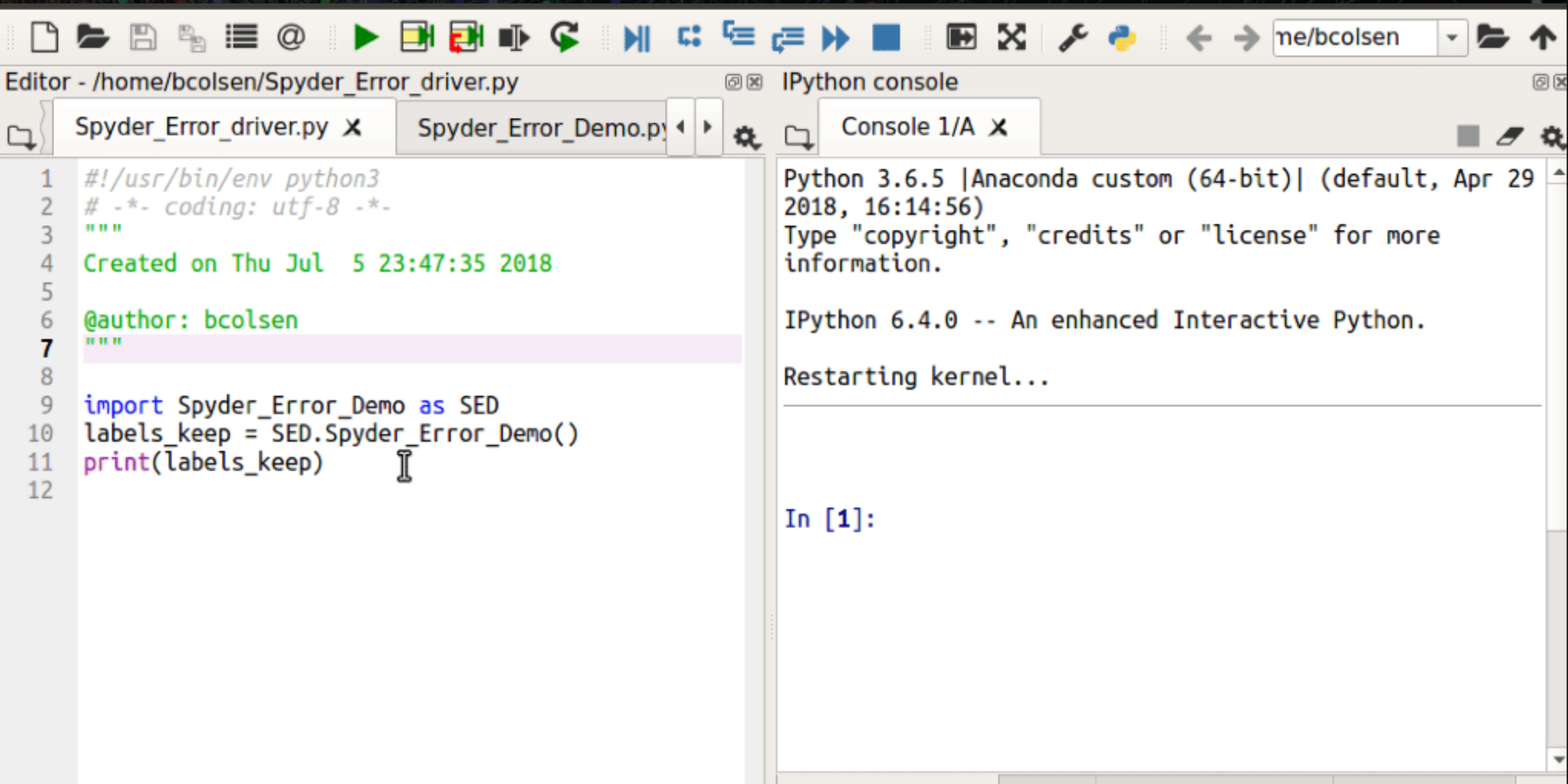
IPython 6.4.0 -- An enhanced Interactive Python.

Restarting kernel...

In [1]:



# IPYTHON (SPYDER)



The image shows the Spyder IDE interface. The top toolbar contains various icons for file operations, execution, and debugging. The main window is divided into two panes. The left pane, titled 'Editor - /home/bcolsen/Spyder\_Error\_driver.py', contains a Python script with the following content:

```
1  #!/usr/bin/env python3
2  # -*- coding: utf-8 -*-
3  """
4  Created on Thu Jul  5 23:47:35 2018
5
6  @author: bcolsen
7  """
8
9  import Spyder_Error_Demo as SED
10 labels_keep = SED.Spyder_Error_Demo()
11 print(labels_keep)
12
```

The right pane, titled 'IPython console', displays the output of the script. It shows the Python version (3.6.5), the Anaconda environment, and the IPython version (6.4.0). The output also indicates that the kernel is restarting.

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Restarting kernel...

In [1]:



# BY THE END OF THIS SESSION YOU SHOULD BE ABLE TO:

- Conceptual:
  - Provide reasons as to why we model our social world.
  - Explain the difference between data science and computational social science. [[Session 01](#)]
- Coding:
  - Calculate the volume by defining and multiplying variables. [[In-class Question 1](#)]
  - Calculate the mean and standard deviation of an array using *numpy*. [[In-class Question 2](#)]
  - Return an element from a list or array using indices. [[DataCamp](#)]