

# Split out column entries

Load following [survey data](#) into a Pandas dataframe called `x` and note that the top part of the `Is there anything in particular you want to use Python for?` column looks like the following,

	Is there anything in particular you want to use Python for?
ID	
3931	Data extraction and processing, Data analytics...
4205	Data extraction and processing
3669	Data analytics, Machine learning, Statistical ...
1452	Data extraction and processing, Data analytics...
2968	Numerical processing, Data analytics, Machine ...

The problem with this column is that there are multiple comma-separated values in it. Please write a Python function called `split_count` that can take this column as input and output the following Pandas dataframe.

	count
All of the above	1
Computer vision	1
Image Processing	1
Computer vision/image processing	1
As a general skill	1
scripting seems desirable for many jobs	1
not sure	1
Computer Vision	1
EDA tools	1
Web development	104
Numerical processing	173
Scientific visualization	198
Statistical analysis	222
Data extraction and processing	291
Data analytics	351
Machine learning	381

Here is the function signature: `split_count(x)` where `x` is a `pd.Series` object and it returns a `pd.DataFrame` object. Please put your Python code in a Python script file and upload it. Please retain your submitted source files! Remember to use all the best practices we discussed in class. You can use any module in the Python standard library, but third-party modules (e.g., Numpy, Pandas) are restricted to those **explicitly** mentioned in the problem description.

## Tips:

- After you have submitted your file, do **not** use the browser back or reload buttons to navigate or open the page in multiple browser tabs, as this may cause your `attempts` to decrease unexpectedly. It may take up to thirty seconds for your code to be processed, so please be **patient**.
- If you find yourself back at the main page without any feedback or change in your `attempts` then it means that your code timed out or crashed in some unexpected way.
- Ensure that your development environment does not presume the existence of certain packages for the autograder. The autograder does not have anything other than the standard library and those third-party libraries **explicitly** named in the problem description.
- Do not leave extraneous statements in your code like test cases, print statements, or anything else besides what is needed to evaluate your submission because the the autograder will spend its limited time executing those lines, which may result in unexpected crashes or timeouts.

浏览... 0701.py

Upload Python source code file

Correct! Back to assignments. functional points = 10 /10 and validation points = 5/5