Json to CSV conversion using Python code

1. Download Python code from Github

   https://github.com/Yelp/dataset-examples#samples

2. Check for Python version in Mac

```
[Priyankas-MacBook-Pro:~ priyanka$ python -V
Python 2.7.10
[Priyankas-MacBook-Pro:~ priyanka$ l
-bash: l: command not found
[Priyankas-MacBook-Pro:~ priyanka$ ls
Applications        Documents        Library        Music              Pictures        VirtualBox VMs
Desktop             Downloads        Movies         NetBeansProjects   Public
```

3. Move to the correct folder

```
Priyankas-MacBook-Pro:Documents priyanka$ cd Final\ Semester/
Priyankas-MacBook-Pro:Final Semester priyanka$ cd Capstone\ Project/
Priyankas-MacBook-Pro:Capstone Project priyanka$ ls
EMR output (using Hive program) ScalaProjects                  other examples from internet    yelp dataset execution
JSON to CSV                      WordCount in EMR.docx          scala-script
Priyankas-MacBook-Pro:Capstone Project priyanka$ cd JSON\ to\ CSV/
Priyankas-MacBook-Pro:JSON to CSV priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_tip.json
python: can't open file 'json_to_csv_converter.py': [Errno 2] No such file or directory
Priyankas-MacBook-Pro:JSON to CSV priyanka$ ls
dataset-examples-master
Priyankas-MacBook-Pro:JSON to CSV priyanka$ cd dataset-examples-master/
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_t
ip.json
Traceback (most recent call last):
  File "json_to_csv_converter.py", line 10, in <module>
    import simplejson as json
ImportError: No module named simplejson
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ vi json_to_csv_converter.py
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_t
ip.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ ls
LICENSE.txt                      positive_category_words         tox.ini
README.md                        review_autopilot                yelp_dataset_challenge_academic_dataset
category_predictor               setup.py
json_to_csv_converter.py         test
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ ls yelp_dataset_challenge_academic_dataset/
Dataset_Challenge_Academic_Dataset_Agreement.pdf        yelp_academic_dataset_review.json
Yelp_Dataset_Challenge_Terms_round_7.pdf                yelp_academic_dataset_tip.csv
result.csv                                              yelp_academic_dataset_tip.json
yelp_academic_dataset_business.json                     yelp_academic_dataset_user.json
yelp_academic_dataset_checkin.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ cat yelp_dataset_challenge_academic_dataset/
.DS_Store                                        yelp_academic_dataset_business.json             yelp_academic_dataset_tip.json
Dataset_Challenge_Academic_Dataset_Agreement.pdf  yelp_academic_dataset_checkin.json            yelp_academic_dataset_user.json
Yelp_Dataset_Challenge_Terms_round_7.pdf        yelp_academic_dataset_review.json
result.csv                                      yelp_academic_dataset_tip.csv
```

4. Execute python code as below

```
Priyankas-MacBook-Pro:JSON to CSV priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_tip.json
python: can't open file 'json_to_csv_converter.py': [Errno 2] No such file or directory
Priyankas-MacBook-Pro:JSON to CSV priyanka$ ls
dataset-examples-master
Priyankas-MacBook-Pro:JSON to CSV priyanka$ cd dataset-examples-master/
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset
ip.json
Traceback (most recent call last):
  File "json_to_csv_converter.py", line 10, in <module>
    import simplejson as json
ImportError: No module named simplejson
```

5. You will get an error as above

Modify the below statement in json_to_csv_converter.py file

import simplejson as json
to
import json

Note: Keep all your json files in the same folder where this .py files are present

6. Now, try running the same statement again

$ python json_to_csv_converter.py
yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_business.json

```
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
ip.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ ls
LICENSE.txt                         positive_category_words              tox.ini
README.md                           review_autopilot                    yelp_dataset_challenge_academic_dataset
category_predictor                  setup.py
json_to_csv_converter.py            test
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ ls yelp_dataset_challenge_academic_dataset/
Dataset_Challenge_Academic_Dataset_Agreement.pdf       yelp_academic_dataset_review.json
Yelp_Dataset_Challenge_Terms_round_7.pdf               yelp_academic_dataset_tip.csv
result.csv                                             yelp_academic_dataset_tip.json
yelp_academic_dataset_business.json                    yelp_academic_dataset_user.json
yelp_academic_dataset_checkin.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ cat yelp_dataset_challenge_academic_dataset/
.DS_Store                                  yelp_academic_dataset_business.json              yelp_academic_dataset_tip.json
Dataset_Challenge_Academic_Dataset_Agreement.pdf  yelp_academic_dataset_checkin.json        yelp_academic_dataset_user.json
Yelp_Dataset_Challenge_Terms_round_7.pdf           yelp_academic_dataset_review.json
result.csv                                         yelp_academic_dataset_tip.csv
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ cat yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
yelp_academic_dataset_business.json  yelp_academic_dataset_review.json     yelp_academic_dataset_tip.json
yelp_academic_dataset_checkin.json   yelp_academic_dataset_tip.csv         yelp_academic_dataset_user.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ cat yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
yelp_academic_dataset_business.json  yelp_academic_dataset_review.json     yelp_academic_dataset_tip.json
yelp_academic_dataset_checkin.json   yelp_academic_dataset_tip.csv         yelp_academic_dataset_user.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
usiness.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
heckin.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
eview.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ python json_to_csv_converter.py yelp_dataset_challenge_academic_dataset/yelp_academic_dataset_
ser.json
Priyankas-MacBook-Pro:dataset-examples-master priyanka$ []
```