

Project Disaster Response Pipelines

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notification

- my mac air need several hours for model training, and I finially got a output 900M.
- first I run my code on workspace, and got a warning: Trying to unpickle estimator GridSearchCV from version 0.20.2 when using version 0.19.1. This might lead to breaking code or invalid results. Use at your own risk. And can not proceed.
- than I run it on my mac air, it runs good, but lack for the show of source chart. for this function is builded in template, I don't put very much attention to solve it.

ziped file explanation

- I got all the files required:
 - app/run.py (file not any change)
 - data/process_data.py (done, and can quickly processed to generate `YourDatabaseName.db`)
 - data/YourDatabaseName.db (generated myself)
 - models/your_model_name.pkl.tar.gz (generated twice from local to pkl, and for git sync limit, I compressd it. **please uncompressed before run run.py**)
- for explain my model code(for it is so slow to run), I also provided my jupyter notebook file and a html output under data/ for more information

run_log

/ terminal cmd

```
1 | (py36) FrancisdeMacBook-Air:app francis$ python run.py
2 | Traceback (most recent call last):
3 |   File "run.py", line 33, in <module>
4 |     model = joblib.load("../models/your_model_name.pkl")
5 |   File "/Users/francis/miniconda3/envs/py36/lib/python3.6/site-packages/sklearn/ex
6 | ternals/joblib/numpy_pickle.py", line 590, in load
7 |     with open(filename, 'rb') as f:
8 | FileNotFoundError: [Errno 2] No such file or directory: '../models/your_model_name
9 | .pkl'
10 | (py36) FrancisdeMacBook-Air:app francis$ ls
11 | run.py      templates
12 | (py36) FrancisdeMacBook-Air:app francis$ pwd
13 | /Users/francis/git/udacity-private/_dsnd/p2_pipeline/p_submit/app
14 | (py36) FrancisdeMacBook-Air:app francis$ python run.py
15 | * Serving Flask app "run" (lazy loading)
16 | * Environment: production
17 |   WARNING: This is a development server. Do not use it in a production deployment
18 | .
19 |   Use a production WSGI server instead.
20 | * Debug mode: on
21 | * Running on http://0.0.0.0:3001/ (Press CTRL+C to quit)
```

```
22  * Restarting with stat
23  * Debugger is active!
24  * Debugger PIN: 186-709-812
25  127.0.0.1 - - [30/Aug/2019 15:18:13] "GET / HTTP/1.1" 200 -
26  127.0.0.1 - - [30/Aug/2019 15:18:19] "GET /favicon.ico HTTP/1.1" 404 -
27  127.0.0.1 - - [30/Aug/2019 15:18:28] "GET /go?query=fire+fire+fire HTTP/1.1" 200 -
    127.0.0.1 - - [30/Aug/2019 15:18:31] "GET /favicon.ico HTTP/1.1" 404 -
    127.0.0.1 - - [30/Aug/2019 15:19:09] "GET /go?query=water+flood HTTP/1.1" 200 -
    127.0.0.1 - - [30/Aug/2019 15:19:10] "GET /favicon.ico HTTP/1.1" 404 -
```

/ webpage show

