Druid_Indexer was written in python for the purpose of performing following actions

Actions	Description
launch	Launch kafka indexing tasks
shutdown	Shutdown kafka indexing tasks
display_all	Display all running kafka indexing tasks
reindex	Reindex datasources

  `./druid_indexer.py -h`   to see the help menu (lines above)

launch

`./druid_indexer.py launch -h` to see the all the arguments and usage of action 'launch' below

```
usage: druidindexer launch [-h] --hostname_port HOSTNAME_PORT [--all]
                [--file_name_list FILE_NAME_LIST [FILE_NAME_LIST ...]]
                --wait WAIT_TIME_KAFKA_INDEX

optional arguments:
  -h, --help          show this help message and exit
  --hostname_port HOSTNAME_PORT   Set the hostname and port for druidindexer (required)
  --all            Launch all kafka indexing tasks - associated json files locating under kafkatask directory
  --file_name_list FILE_NAME_LIST [FILE_NAME_LIST ...]  list of kafka indexing task - json files under kafkatask
             directory
  --wait WAIT_TIME_KAFKA_INDEX    time interval in minutes between kafka indexing tasks
```

The sample usage of script with launch action is as follows

`./druid_indexer.py launch --hostname_port localhost:8090  --wait 3   --all`

In the first run of the script with the action of launch it creates the following subfolders structure under working directory if not exist, and then exits the script
        /log
        /config
                /template
        /tmp
        /kafkatask
        /pid

After exiting, make sure that you put some kafka indexing task json files under kafkatask directory then run the script again

shutdown
`./druid_indexer.py shutdown -h` to see the all the arguments and usage of action 'shutdown' below

```
optional arguments:
  -h, --help          show this help message and exit
  --hostname_port  HOSTNAME_PORT    Set the hostname and port for druidindexer (required)
  --all            Shutdown all running kafka indexing tasks
  --data_source_list DATA_SOURCE_LIST [DATA_SOURCE_LIST ...]  Shutdown specified kafka indexing tasks
```

sample usage:
`./druid_indexer.py shutdown --hostname_port localhost:8090 --all`

display_all
sample usage:
```
./druid_indexer.py  display_all --hostname_port localhost:8090
```

reindex
```
./druid_indexer.py reindex -h
```
to see the all the arguments and usage of action 'shutdown'
below

optional arguments:
```
 -h, --help          show this help message and exit
 --input_csv_file CONFILE_PATH   config file path for reindexing (required)
 --check_period CHECK_PERIOD time interval in minutes for checking # of running task  (default 60  min)
 --config_item_list CONF_ITEM_LIST [CONF_ITEM_LIST ...]   item numbers of configFile
 --max_task MAX_TASK_REINDEX    number of concurrent tasks (required)
```

sample usage:
```
./druid_indexer.py reindex --input_csv_file
/home/kafka/druidindexer/config/template/config_file.csv --max_task 2
--check_period 3
```

In the first run of the script with the action of reindex, it creates the subfolder structure given
above if not exist, and then exits the script
After exiting, make sure that you first put the "reindex_temp.json", "metricsSpec_template.json"
and "dimensionsSpec_template.json" under config/template , then run the script again