지현님가르침_cookie cutter

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Cookiecutter Data Science

- 데이터 사이언스 프로젝트 관리 양식

How to Install

1. cookie cutter을 설치해준다.

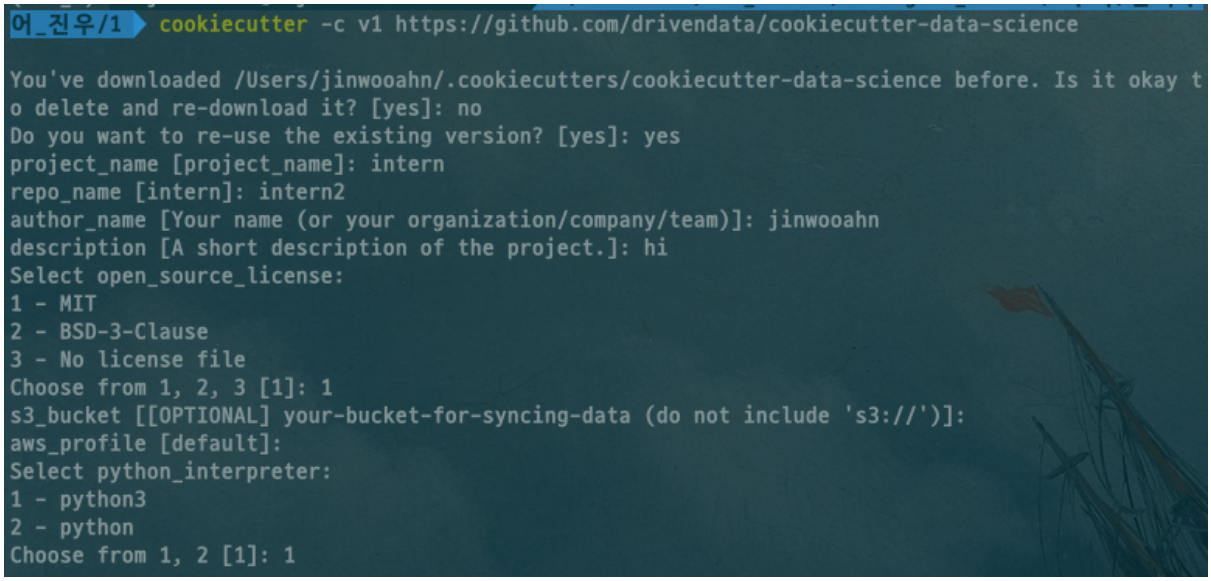
```
pip install cookiecutter

#tree 가 없는 경우를 위해
brew install tree
```

1. 내가 프로젝트 폴더를 만들고 싶은 곳에 terminal 로 위치한 뒤, cookie cutter version 1을 설치해준다

```
#create version 1 of cookie cutter from cookie cutter github
cookiecutter -c v1 https://github.com/drivendata/cookiecutter-data-science
```

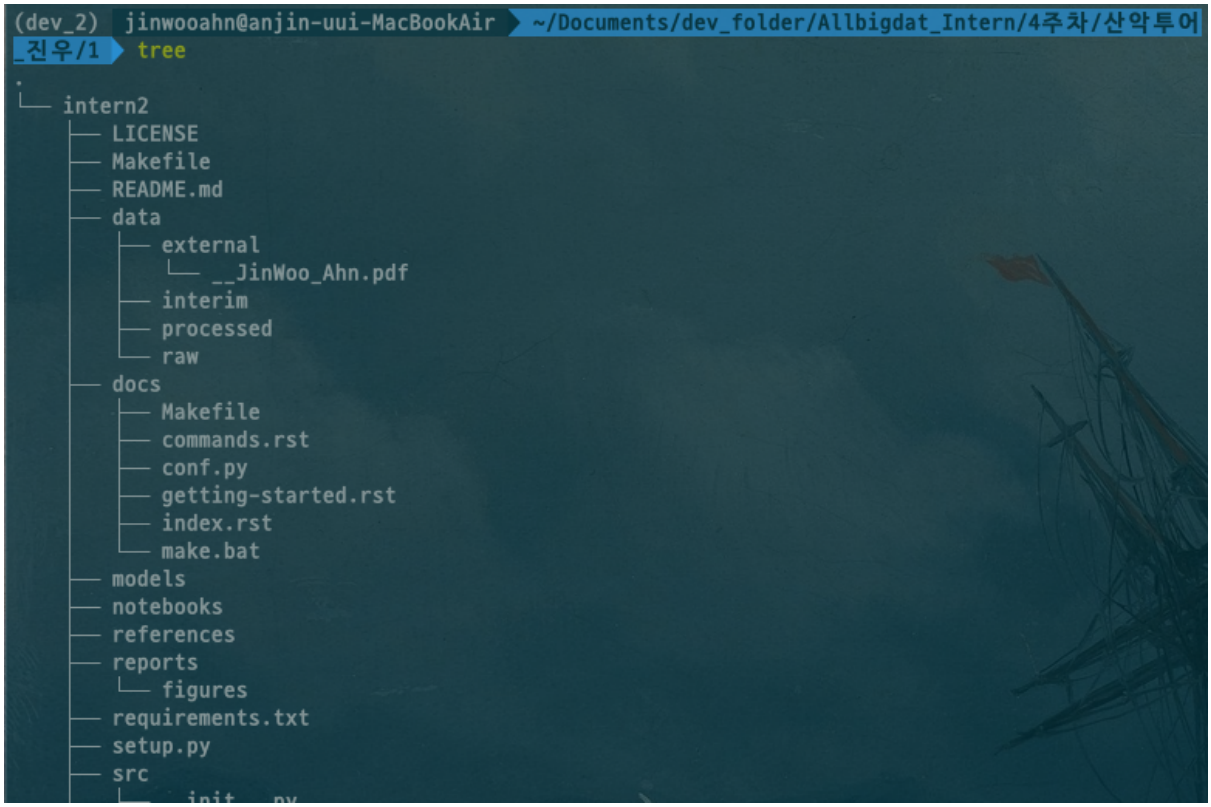
다음 나오는 문구는 아래 그림과 같이 입력하면 된다.



1. 폴더의 구조를 확인해보기 위해

```
tree
```

라고 입력하면 아래와 같이 폴더의 구조가 나오게 된다.


(dev_2) jinwooahn@anjin-uui-MacBookAir ~/Documents/dev_folder/Allbigdat_Intern/4주차/산악투어_진우/1 tree
.
└── intern2
├── LICENSE
├── Makefile
├── README.md
├── data
│ ├── external
│ │ └── __JinWoo_Ahn.pdf
│ ├── interim
│ ├── processed
│ └── raw
├── docs
│ ├── Makefile
│ ├── commands.rst
│ ├── conf.py
│ ├── getting-started.rst
│ ├── index.rst
│ └── make.bat
├── models
├── notebooks
├── references
├── reports
│ └── figures
├── requirements.txt
├── setup.py
└── src

- 구조 설명

```
├── LICENSE
├── Makefile           <- Makefile with commands like `make data` or `make train`
├── README.md          <- The top-level README for developers using this project.
├── data
│   ├── external       <- Data from third party sources.
│   ├── interim        <- Intermediate data that has been transformed.
│   ├── processed      <- The final, canonical data sets for modeling.
│   └── raw            <- The original, immutable data dump.
│
├── docs               <- A default Sphinx project; see sphinx-doc.org for details
│
├── models             <- Trained and serialized models, model predictions, or model summaries
│
├── notebooks          <- Jupyter notebooks. Naming convention is a number (for ordering),
│                         the creator's initials, and a short `-` delimited description, e.g.
│                         `1.0-jqp-initial-data-exploration`.
│
├── references         <- Data dictionaries, manuals, and all other explanatory materials.
│
├── reports            <- Generated analysis as HTML, PDF, LaTeX, etc.
│   └── figures        <- Generated graphics and figures to be used in reporting
│
├── requirements.txt   <- The requirements file for reproducing the analysis environment, e.g.
│                         generated with `pip freeze > requirements.txt`
│
├── setup.py           <- makes project pip installable (pip install -e .) so src can be imported
├── src                <- Source code for use in this project.
│   ├── __init__.py    <- Makes src a Python module
│   │
│   ├── data           <- Scripts to download or generate data
│   │   └── make_dataset.py
│   │
│   ├── features       <- Scripts to turn raw data into features for modeling
│   │   └── build_features.py
│   │
│   ├── models         <- Scripts to train models and then use trained models to make
│   │   │                 predictions
│   │   ├── predict_model.py
│   │   └── train_model.py
│   │
│   └── visualization  <- Scripts to create exploratory and results oriented visualizations
│       └── visualize.py
│
└── tox.ini            <- tox file with settings for running tox; see tox.readthedocs.io
```

- makefile : makefile안의 내용을 수정해서 make ~ 을 통해 빌드를 한다!!