

DMU*Ai* 동양미래대학교
인공지능소프트웨어학과

AI Experts Who Lead The Future

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Who Lead
The Future

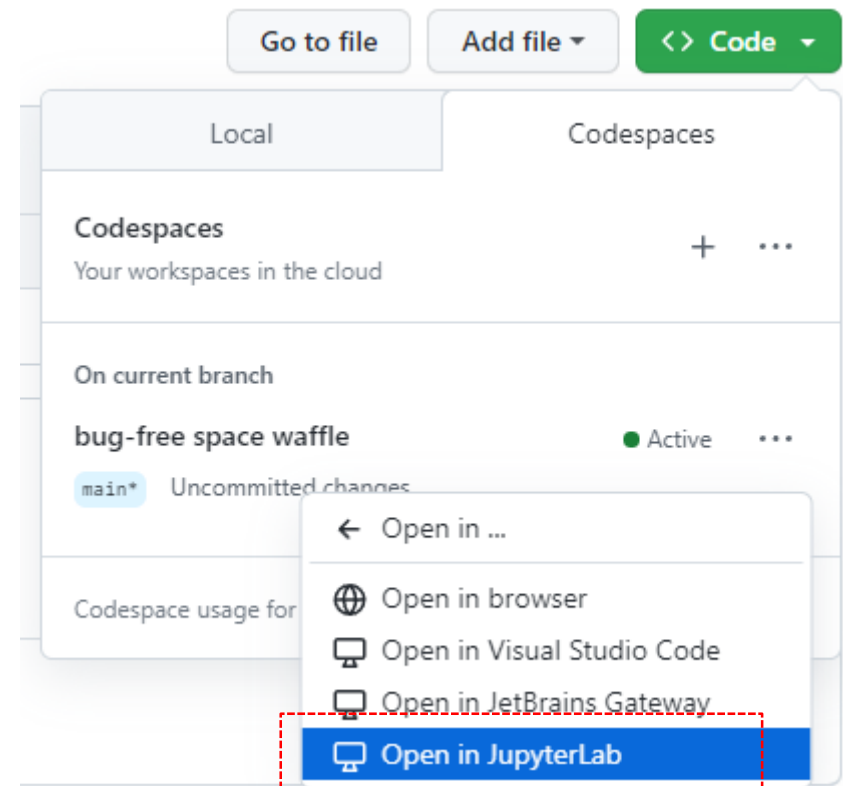
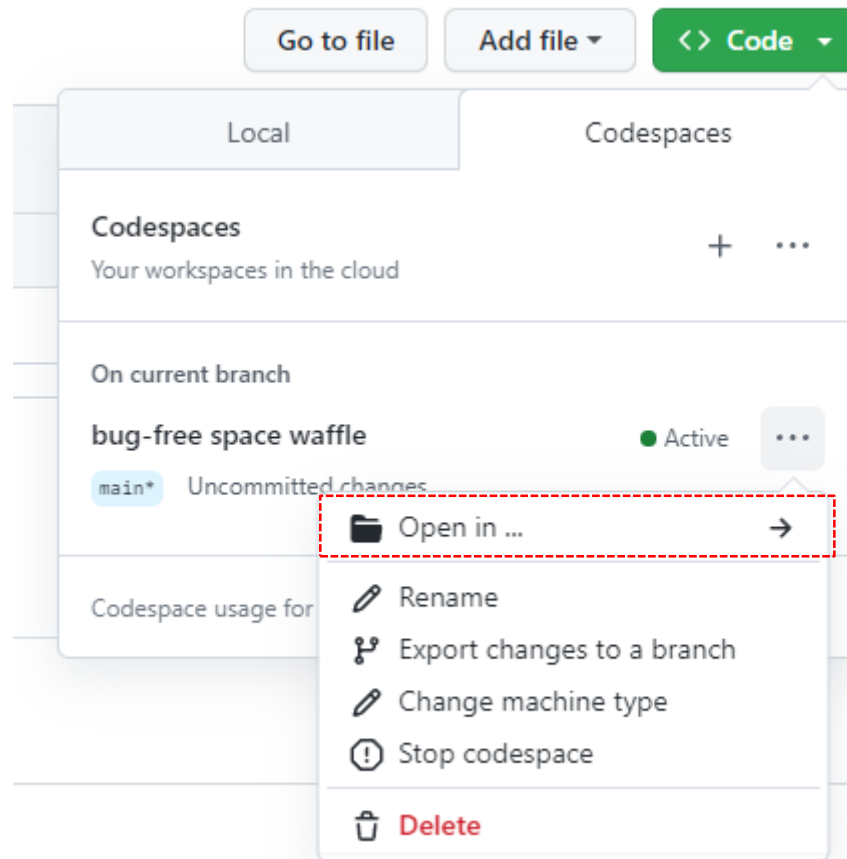
01

주피터 랩 활용

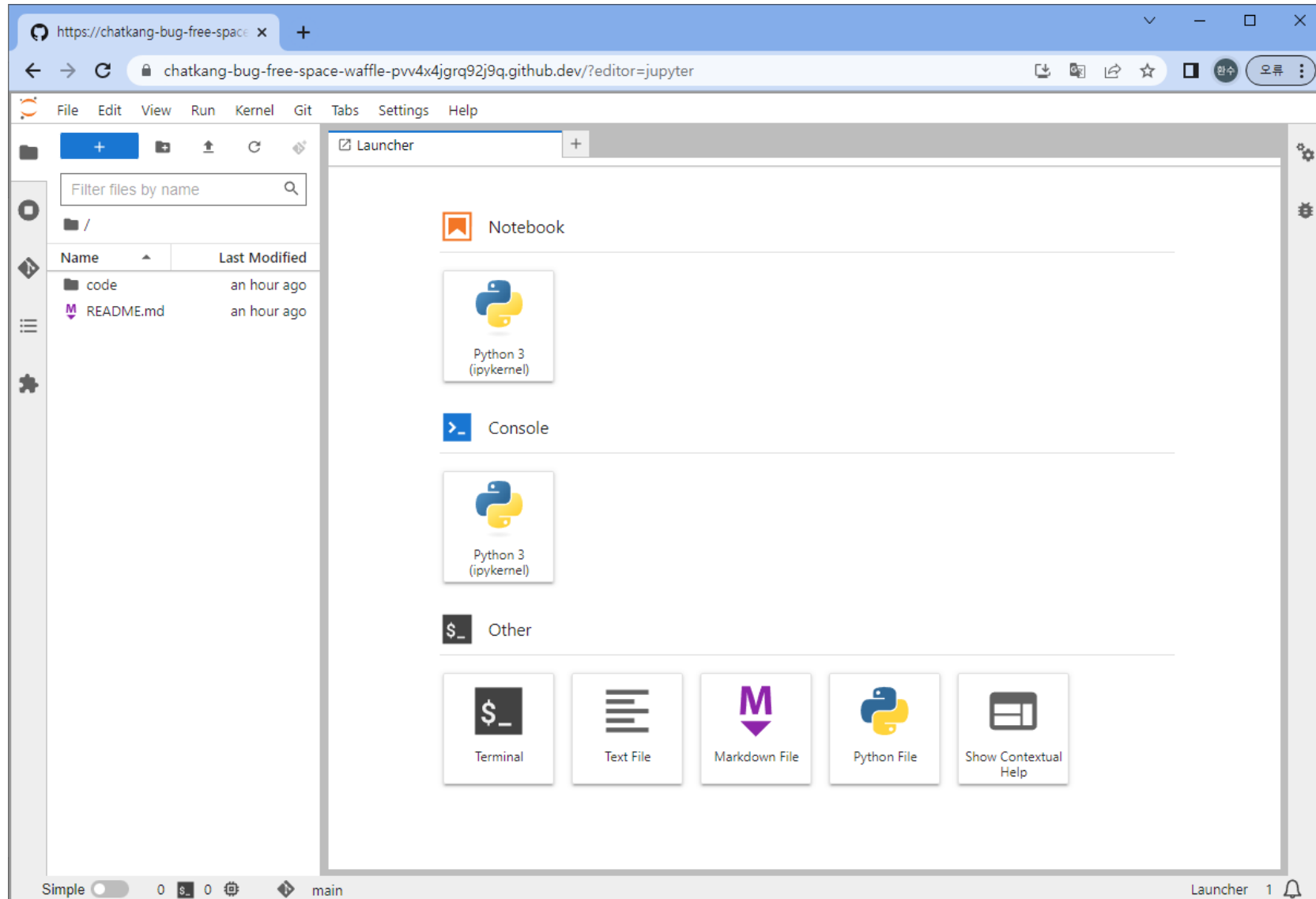
- 버튼 Code

- Open in ... -> 클릭

- Open in JupyterLab 선택

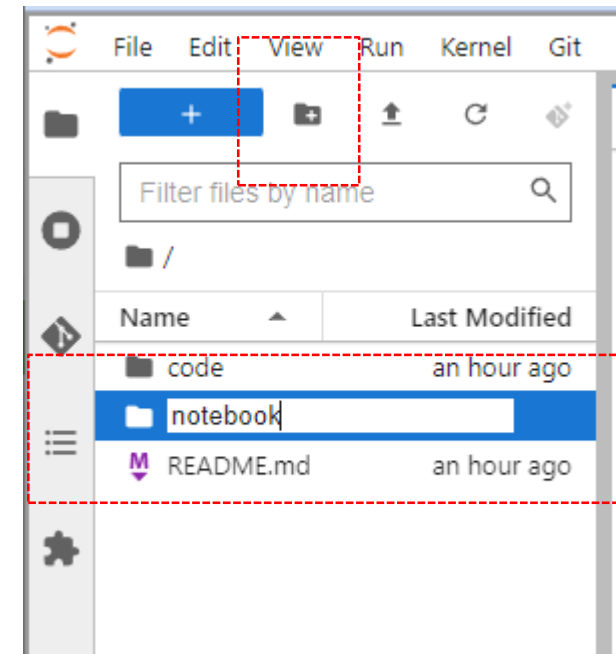
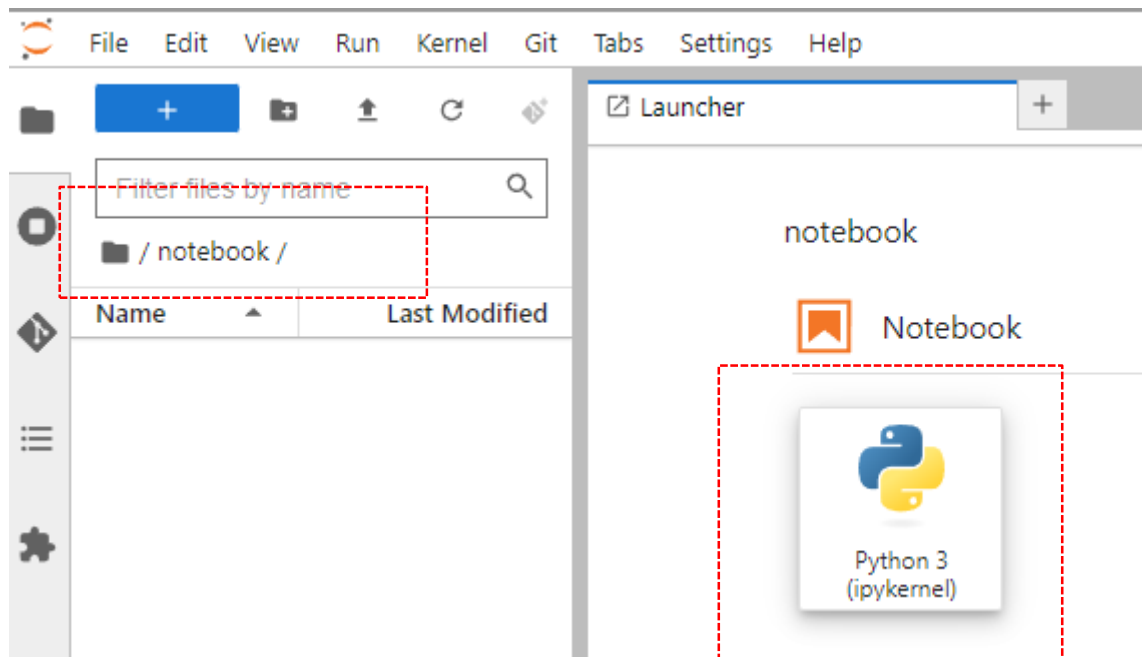


- 브라우저에서 실행

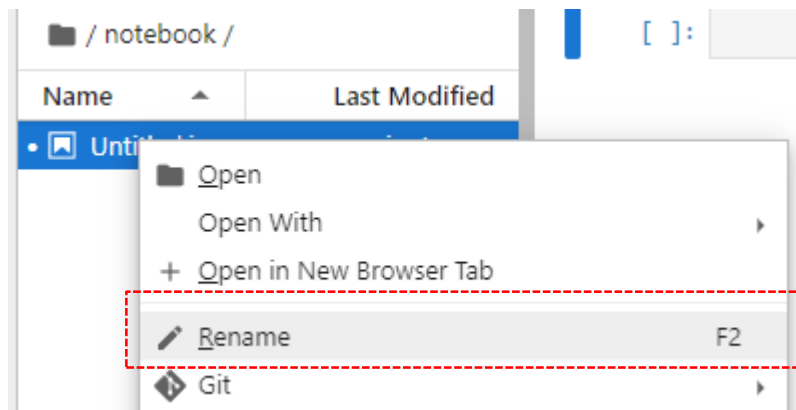
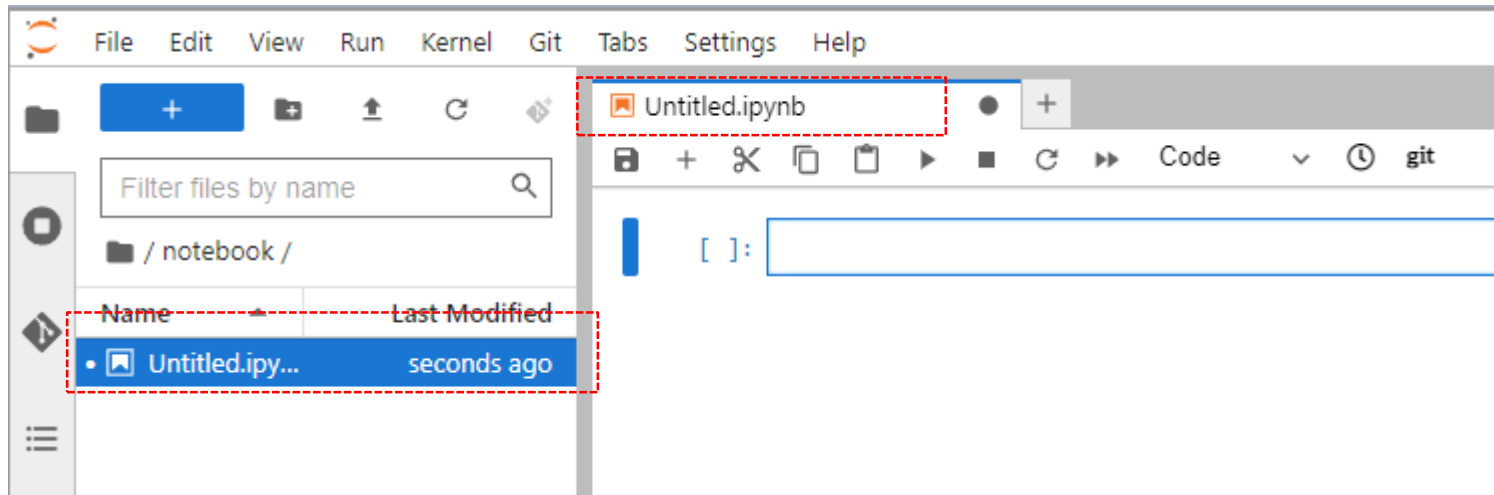


- 파일 생성

- 폴더 notebook 생성 후 하부에 파일 mylst.ipynb 생성



- 메뉴 Rename
 - 단축키 F2



- mylst.ipynb

https://chatkang-bug-free-space-waffle-pvv4x4jgrq92j9q.github.dev/?editor=jupyter

File Edit View Run Kernel Git Tabs Settings Help

Filter files by name

/ notebook /

Name Last Modified

• mylst.ipynb seconds ago

mylst.ipynb

Python 3 (ipykernel)

```
[1]: import sys
    sys.version

[1]: '3.10.4 (main, Mar 13 2023, 19:44:25) [GCC 9.4.0]'
```

```
[2]: lst = []
```

```
[5]: lst.append(int(input('정수 입력 > ')))
    정수 입력 > 329
```

```
[6]: lst

[6]: [329]
```

[]:

Simple 0 \$ 1 main Python 3 (ipykernel) | Connecting Mode: Edit Ln 1, Col 1 mylst.ipynb 1

```

mylst.ipynb
Python 3 (ipykernel)

[1]: import sys
    sys.version

[1]: '3.10.8 (main, Jun 15 2023, 01:39:58) [GCC 9.4.0]'

[2]: lst = []

[4]: import random

[5]: import inspect

[6]: inspect.getfile(random)

[6]: '/usr/local/python/3.10.8/lib/python3.10/random.py'

[11]: !pip install Faker

Collecting Faker
  Downloading Faker-19.2.0-py3-none-any.whl (1.7 MB)
    1.7/1.7 MB 34.8 MB/s eta 0:00:00:00:01
Requirement already satisfied: python-dateutil>=2.4 in /home/codespace/.local/lib/python3.10/site-packages (from Faker) (2.8.2)
Requirement already satisfied: six>=1.5 in /home/codespace/.local/lib/python3.10/site-packages (from python-dateutil>=2.4->Faker) (1.16.0)
Installing collected packages: Faker
Successfully installed Faker-19.2.0

[notice] A new release of pip is available: 23.1.2 -> 23.2.1
[notice] To update, run: python -m pip install --upgrade pip

[12]: from faker import Faker
    fake = Faker()
    fake.name()

[12]: 'Casey Guzman'

[13]: fake = Faker('ko-KR')
    fake.name()

[13]: '박정웅'

[14]: for i in range(10):
    lst.append(fake.name())

[15]: lst

[15]: ['김정웅', '이도현', '김승현', '최도현', '주진우', '강재현', '이현준', '이정숙', '김지연', '김현주']
    
```


The screenshot shows a Jupyter Notebook interface with two tabs: 'Untitled.ipynb' and 'mylst.ipynb'. The 'mylst.ipynb' tab is active, displaying the following code cells:

```
[11]: ['김미정', '김숙자', '오병철', '이영일', '황성훈', '이서윤', '김옥자', '이성민', '황성진', '김옥순']
```

```
[12]: dir(fake)
```

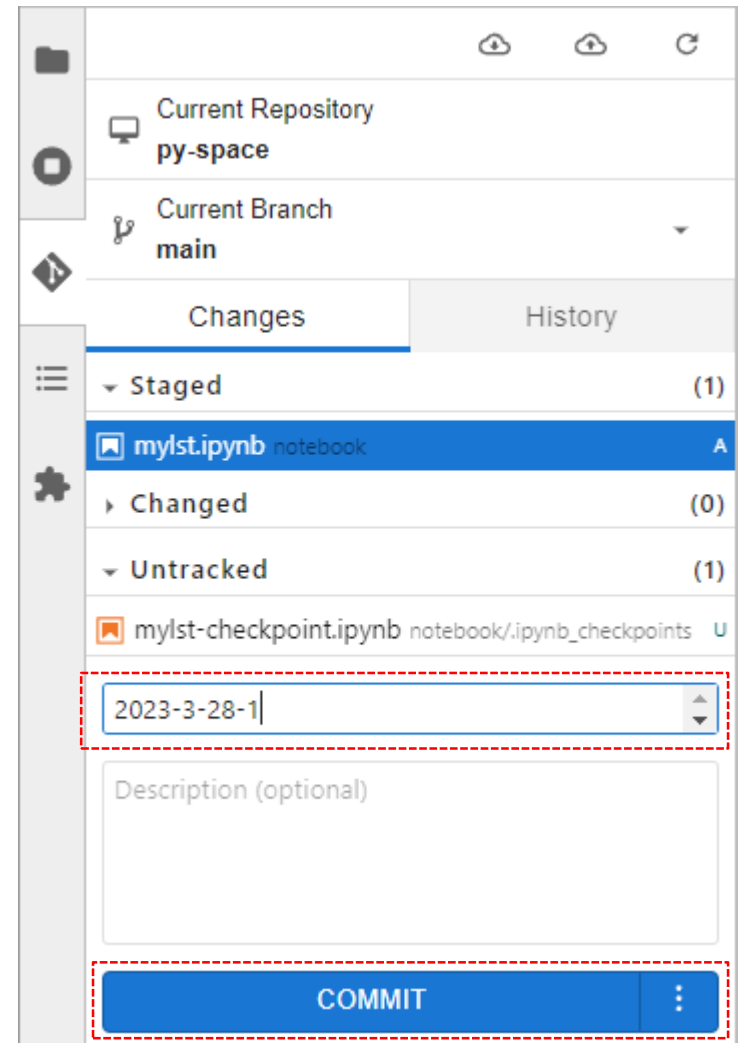
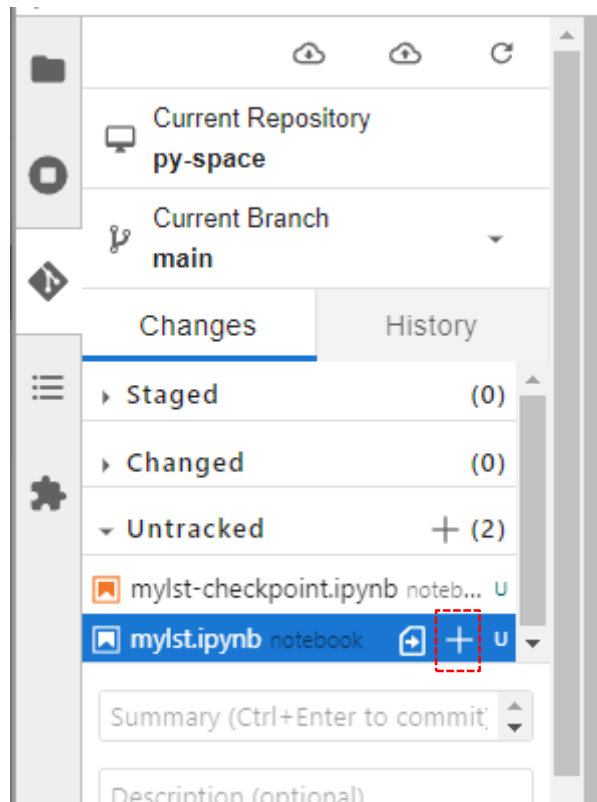
```
[12]: ['__annotations__',  
      '__class__',  
      '__deepcopy__',  
      '__delattr__',  
      '__dict__',  
      '__dir__',  
      '__doc__',  
      '__eq__',  
      '__format__',  
      '__ge__',  
      '__getattr__',  
      '__getattribute__',  
      '__getitem__',  
      '__gt__',  
      '__hash__',  
      '__init__',  
      '__init_subclass__',  
      '__le__',  
      '__lt__',  
      '__module__',  
      '__ne__',  
      '__new__',  
      '__reduce__',  
      '__reduce_ex__',  
      '__repr__',  
      '__setattr__',  
      '__setstate__',  
      '__sizeof__',  
      '__str__',  
      '__subclasshook__',  
      '__weakref__',  
      '_factories',  
      '_factory_map',  
      '_locales',  
      '_map_provider_method',  
      '_optional_proxy',  
      '_select_factory',  
      '_select_factory_choice',  
      '_select_factory_distribution',  
      '_unique_proxy',  
      '_weights']
```

The interface includes a file explorer on the left showing 'mylst.ipynb' with a last modified time of '55초 전'. The bottom status bar indicates 'Simple' mode, 'Python 3 (ipykernel)', and 'Mode: Edit'.

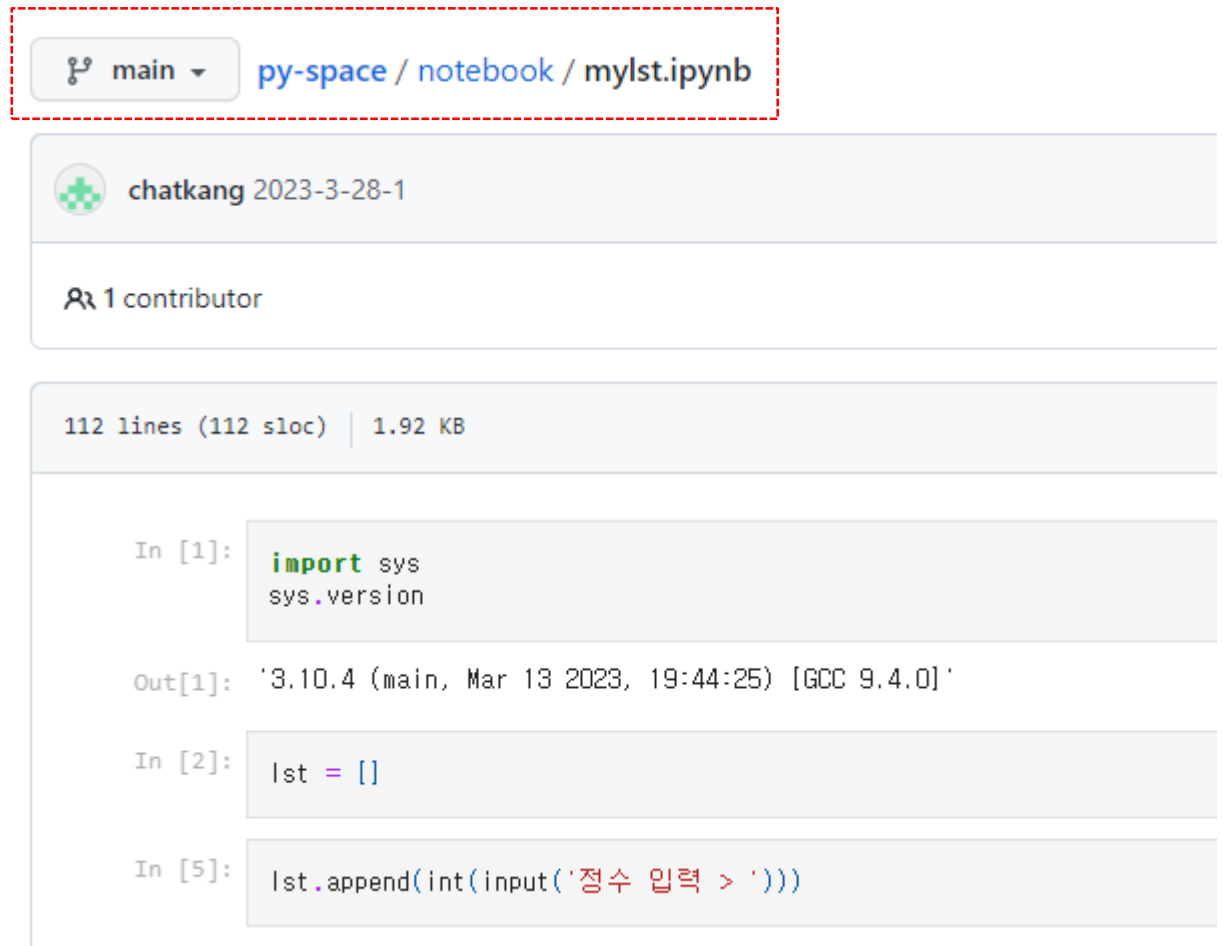
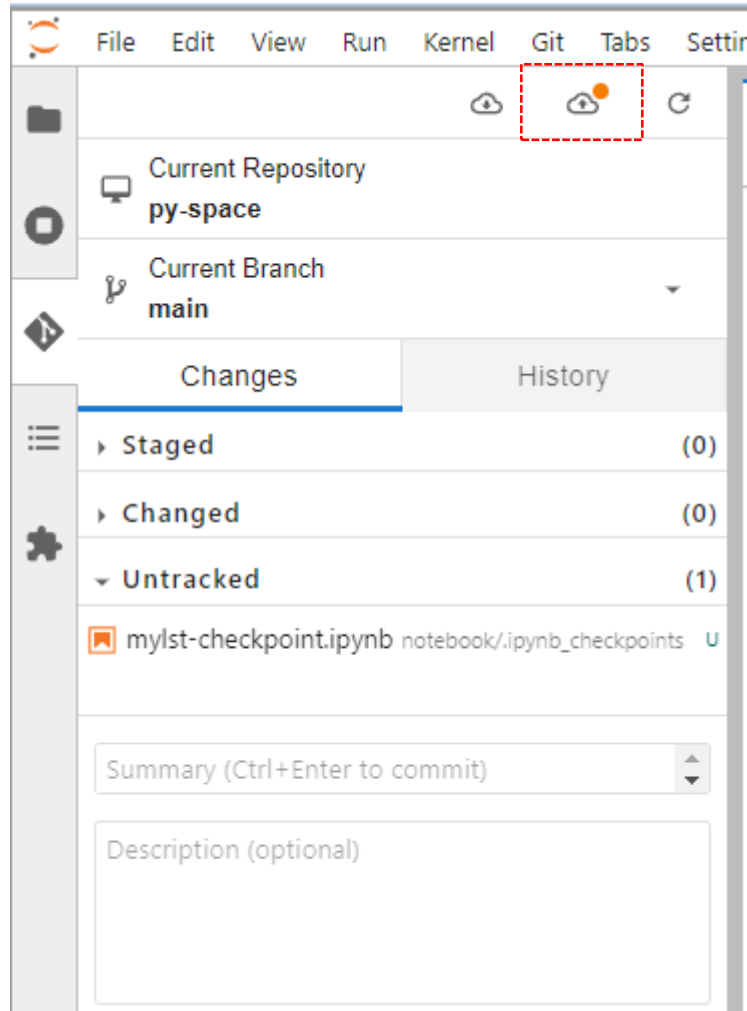
Add, commit

오픈소스 소프트웨어를 위한 깃과 깃허브 Python language

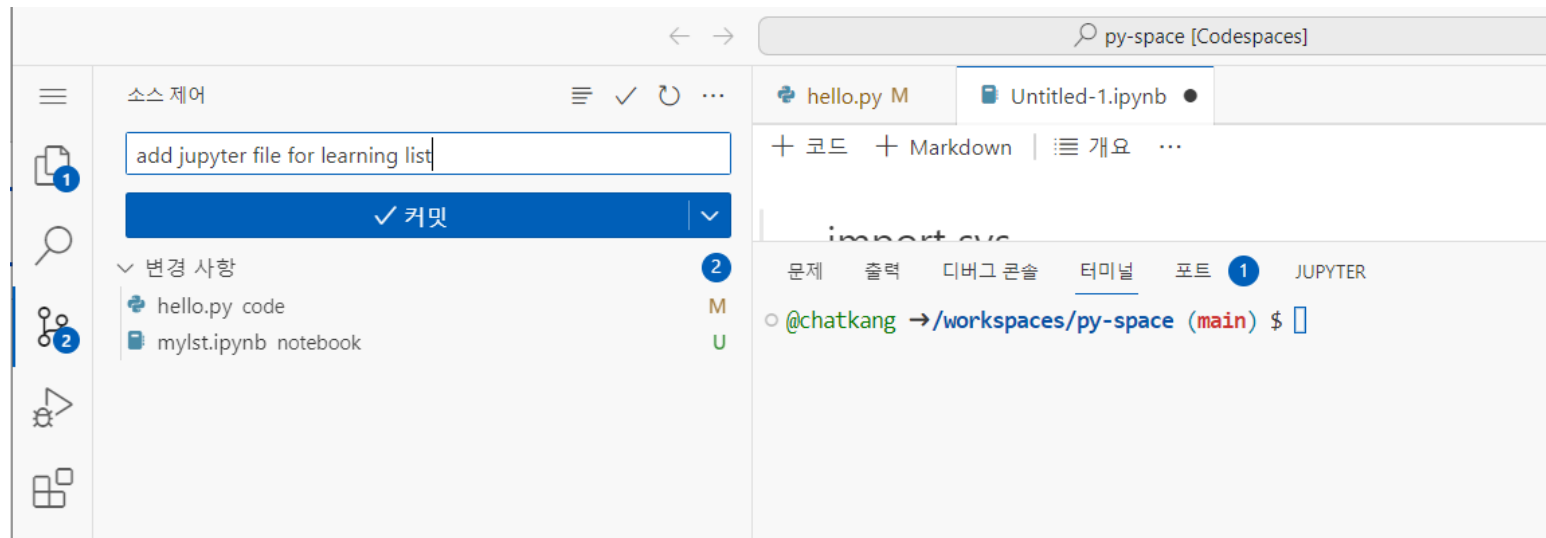
- Untracked 소스의 + 클릭
- Staged 소스 클릭
 - 커밋 메시지 입력 후 COMMIT 버튼 클릭



- **Push 구름 클릭 후**
 - 깃허브에서 확인



- 주피터랩에서 깃 지원이 없다면
- 다시 브라우저를 실행해
 - 커밋
 - 동기화



다시 깃허브 저장소 확인

오픈소스 소프트웨어를 위한 깃과 깃허브 Python language

The screenshot shows a web browser window displaying a GitHub repository page for 'chatkang / py-space'. The browser's address bar shows the URL 'github.com/chatkang/py-space/blob/main/notebook/mylst.ipynb'. The repository's main page is visible, with the 'Code' tab selected. The file 'mylst.ipynb' is highlighted in the file explorer on the left. The main content area shows the Jupyter notebook's execution history, including code cells and their outputs. The code includes importing 'sys' and 'random', and installing the 'Faker' package. The output shows the version of 'sys' and the path to 'random.py'. The installation of 'Faker' is also shown, along with a notice about a new release of 'pip'.

chatkang / py-space

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Code

main

Go to file

code

notebook

mylst.ipynb

.gitignore

LICENSE

README.md

py-space / notebook / mylst.ipynb

chatkang add jupyter file for learning list 7c924a7 · 1 minute ago History

Preview Code Blame 210 lines (210 loc) · 4.83 KB

Raw Download Edit

```
In [1]: import sys
        sys.version

Out[1]: '3.10.8 (main, Jun 15 2023, 01:39:58) [GCC 9.4.0]'

In [2]: lst = []

In [4]: import random

In [5]: import inspect

In [6]: inspect.getfile(random)

Out[6]: '/usr/local/python/3.10.8/lib/python3.10/random.py'

In [11]: !pip install Faker

Collecting Faker
  Downloading Faker-19.2.0-py3-none-any.whl (1.7 MB)
    1.7/1.7 MB 34.8 MB/s eta 0:00:00:00
Requirement already satisfied: python-dateutil<=2.4 in /home/codespace/.local/lib/python3.10/site-packages (from Faker) (2.8.2)
Requirement already satisfied: six>=1.5 in /home/codespace/.local/lib/python3.10/site-packages (from python-dateutil<=2.4->Faker) (1.16.0)
Installing collected packages: Faker
Successfully installed Faker-19.2.0

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