







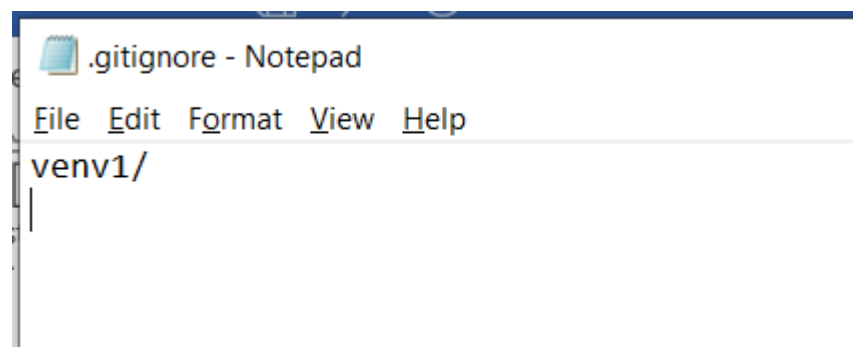
2. Create Local Environment Activate and Update/upgrade PIP

```
jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ python3 -m venv venv1

jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ source venv1/bin/activate
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ pip list
Package            Version
-----
pip                20.0.2
pkg-resources      0.0.0
setuptools         44.0.0
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ pip install --upgrade pip
Collecting pip
  Downloading pip-22.3-py3-none-any.whl (2.1 MB)
    |#####| 2.1 MB 19 kB/s
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 20.0.2
    Uninstalling pip-20.0.2:
      Successfully uninstalled pip-20.0.2
```

3. Set up Folder Structure and exclude venv folder

| | | | | |
|---|------------|------------------|---------------------|------|
|  | .git | 23/10/2022 15:08 | File folder | |
|  | data | 23/10/2022 14:33 | File folder | |
|  | src | 23/10/2022 14:32 | File folder | |
|  | venv1 | 23/10/2022 14:27 | File folder | |
|  | .gitignore | 23/10/2022 15:08 | Text Document | 1 KB |
|  | README.md | 23/10/2022 15:07 | Markdown Source ... | 1 KB |

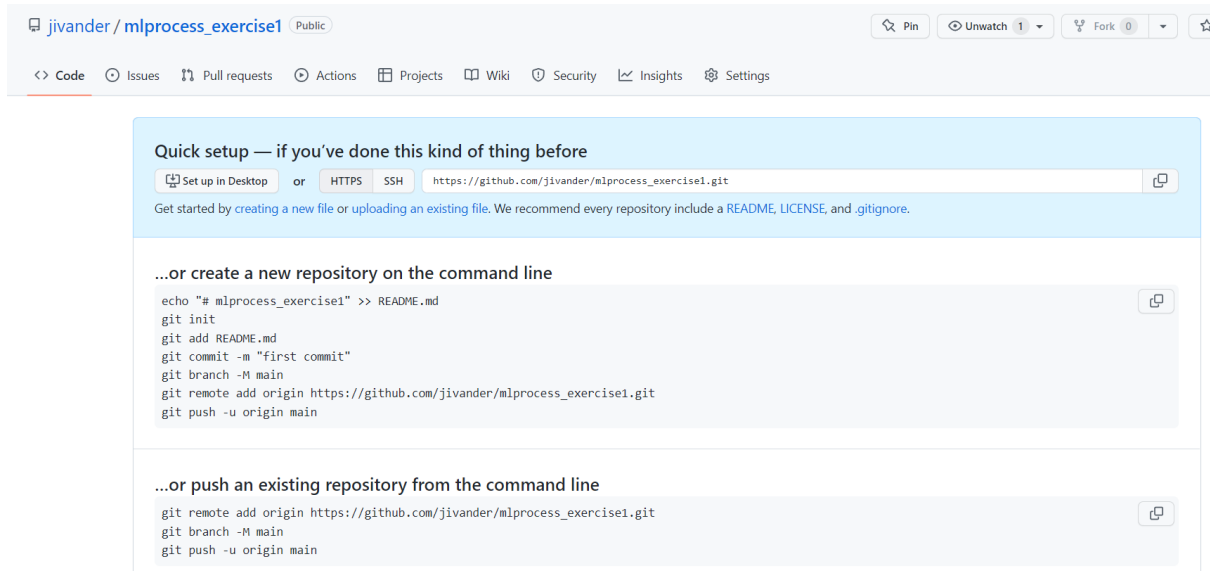


```
.gitignore - Notepad
File Edit Format View Help
venv1/
|
```

```
jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ mkdir data
jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ mkdir src
```

4. Create Repository Account & 5. Create Local repository add Readme MD

```
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ git init
Initialized empty Git repository in /mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1/.git/
```



The screenshot shows the GitHub interface for a repository named 'mlprocess_exercise1' by user 'jivander'. The repository is public. The main content area displays 'Quick setup' instructions for users familiar with Git, including options to set up on a desktop or use HTTPS/SFTP. Below this, it provides command-line instructions for creating a new repository or pushing an existing one. The repository has 1 watcher and 0 forks.

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH `https://github.com/jivander/mlprocess_exercise1.git`

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

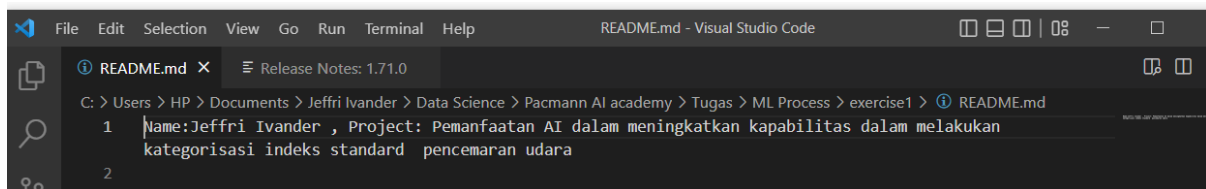
...or create a new repository on the command line

```
echo "# mlprocess_exercise1" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/jivander/mlprocess_exercise1.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/jivander/mlprocess_exercise1.git
git branch -M main
git push -u origin main
```

```
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ echo "Name:Jeffri Ivander , Project: Pemanfaatan AI dalam meningkatkan kapabilitas dalam melakukan kategorisasi indeks standard pencemaran udara" >> README.md
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ ls
README.md  .git  src  venv1
(venv1) jivander@LAPTOP-C5NUR2T8:/mnt/c/Users/HP/Documents/Jeffri Ivander/Data Science/Pacmann AI academy/Tugas/ML Process/exercise1$ cat README.md
Name:Jeffri Ivander , Project: Pemanfaatan AI dalam meningkatkan kapabilitas dalam melakukan kategorisasi indeks standard pencemaran udara
```



The screenshot shows the Visual Studio Code editor with the 'README.md' file open. The file content is: 'Name:Jeffri Ivander , Project: Pemanfaatan AI dalam meningkatkan kapabilitas dalam melakukan kategorisasi indeks standard pencemaran udara'. The editor interface includes a sidebar with file explorer and search, and a top menu bar with File, Edit, Selection, View, Go, Run, Terminal, and Help.

File Edit Selection View Go Run Terminal Help

README.md - Visual Studio Code

① README.md x Release Notes: 1.71.0

C: > Users > HP > Documents > Jeffri Ivander > Data Science > Pacmann AI academy > Tugas > ML Process > exercise1 > ① README.md

```
1 Name:Jeffri Ivander , Project: Pemanfaatan AI dalam meningkatkan kapabilitas dalam melakukan
  kategorisasi indeks standard pencemaran udara
2
```