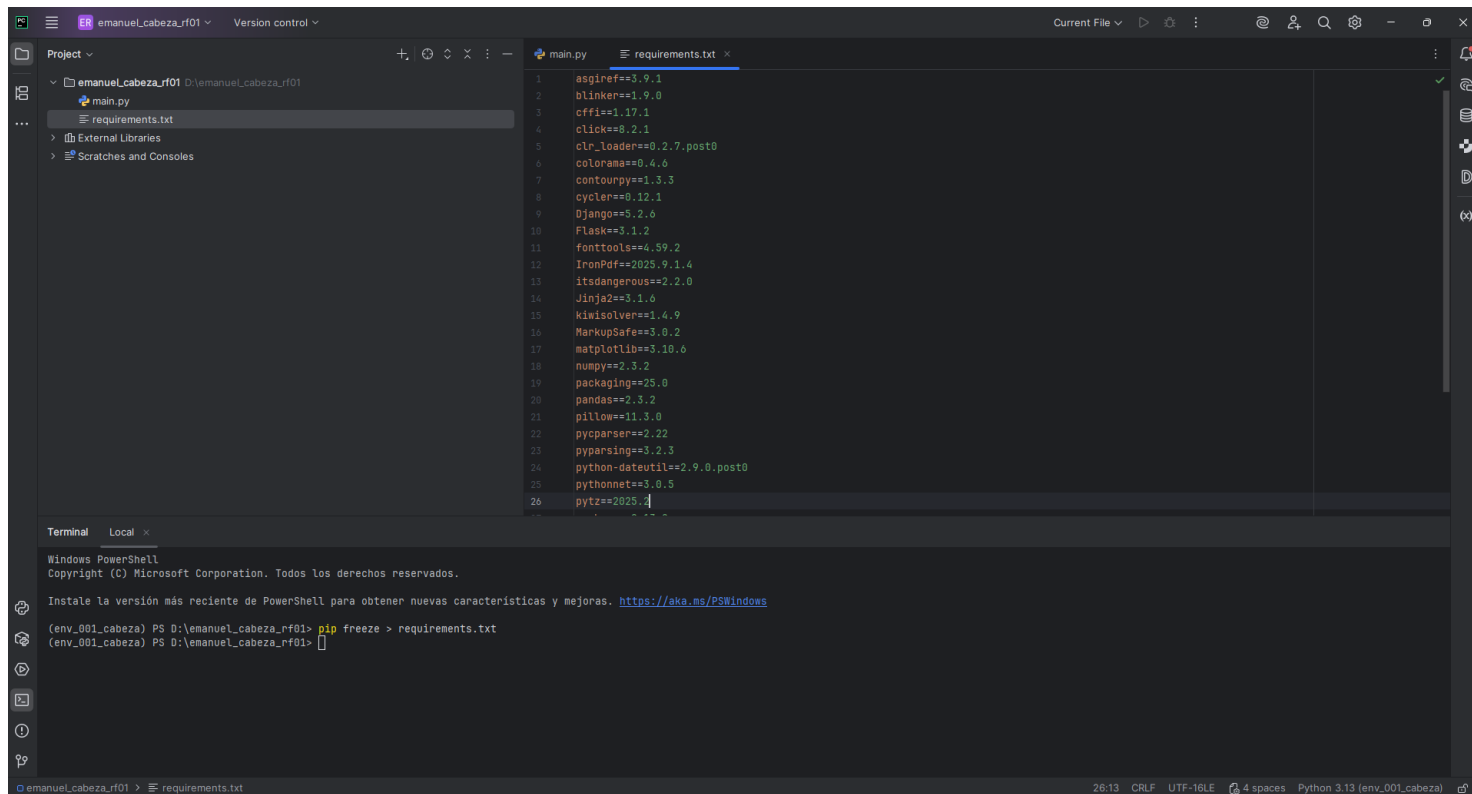


## Entorno virtual 1:

### Se aumento la librería Flask



The screenshot shows the Visual Studio Code interface with a project named 'emanuel\_cabeza\_rf01'. The file explorer on the left shows the project structure with 'main.py' and 'requirements.txt'. The main editor displays the 'requirements.txt' file, which lists various dependencies. The Flask dependency has been updated from version 2.0.3 to 3.1.2. The terminal at the bottom shows the output of the 'pip freeze > requirements.txt' command, which has updated the Flask version in the file.

```
1 asgiref==3.9.1
2 blinker==1.9.0
3 cffi==1.17.1
4 click==8.2.1
5 clr_loader==0.2.7.post0
6 colorama==0.4.6
7 contourpy==1.3.3
8 cycler==0.12.1
9 Django==5.2.6
10 Flask==3.1.2
11 fonttools==4.59.2
12 IronPdf==2025.9.1.4
13 itsdangerous==2.2.0
14 Jinja2==3.1.6
15 kiwisolver==1.4.9
16 MarkupSafe==3.0.2
17 matplotlib==3.10.6
18 numpy==2.3.2
19 packaging==25.0
20 pandas==2.3.2
21 pillow==11.3.0
22 pyparsing==3.2.3
23 python-dateutil==2.9.0.post0
24 pythonnet==3.0.5
25 pytz==2025.1
```

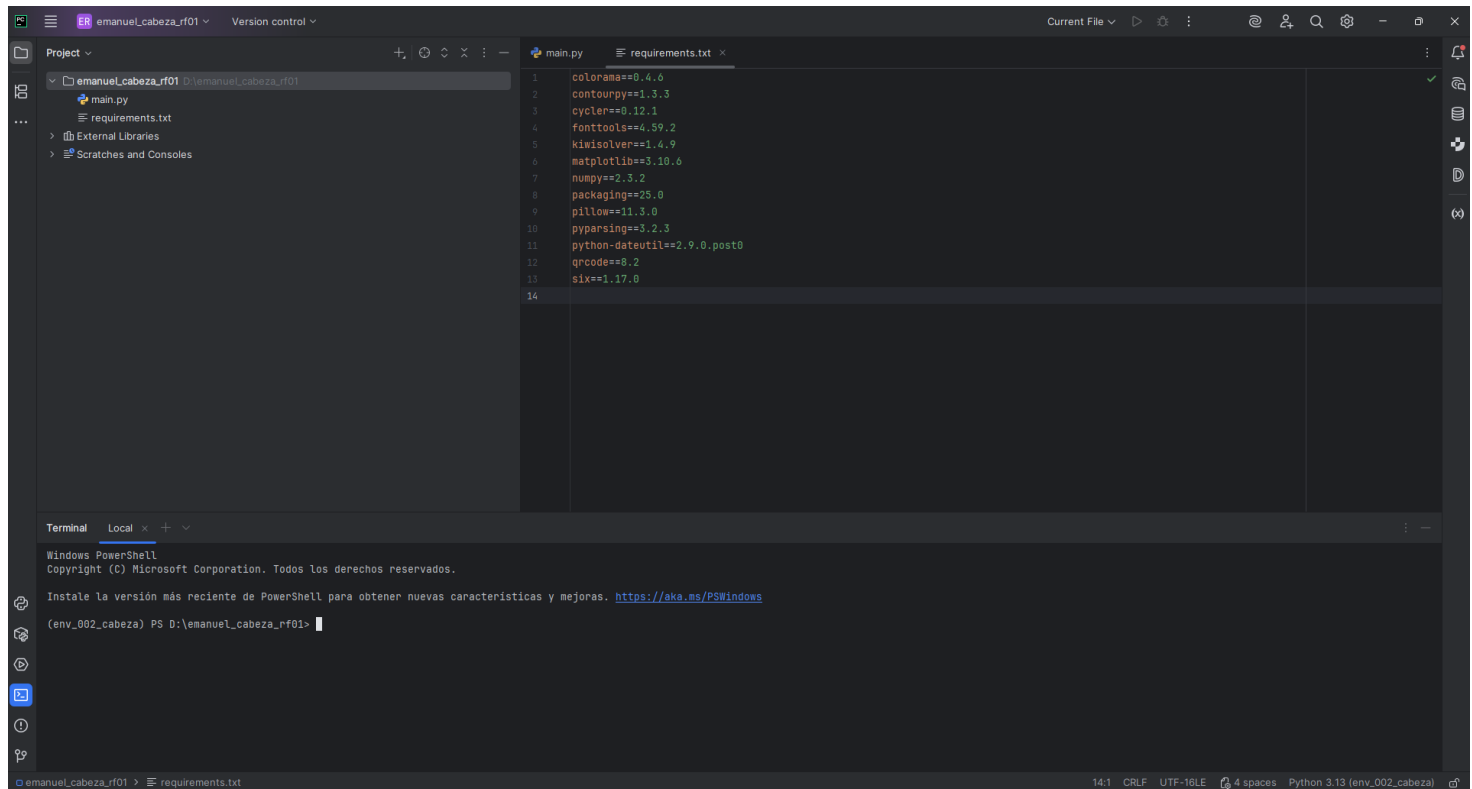
Terminal output:

```
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

(env_001_cabeza) PS D:\emanuel_cabeza_rf01> pip freeze > requirements.txt
(env_001_cabeza) PS D:\emanuel_cabeza_rf01>
```

## Entorno virtual 2:



The screenshot shows the Visual Studio Code interface with a project named 'emanuel\_cabeza\_rf01'. The file explorer on the left shows the project structure with 'main.py' and 'requirements.txt'. The main editor displays the 'requirements.txt' file, which lists a subset of dependencies. The terminal at the bottom shows the output of the 'pip freeze > requirements.txt' command, which has updated the dependencies in the file.

```
1 colorama==0.4.6
2 contourpy==1.3.3
3 cycler==0.12.1
4 fonttools==4.59.2
5 kiwisolver==1.4.9
6 matplotlib==3.10.6
7 numpy==2.3.2
8 packaging==25.0
9 pillow==11.3.0
10 pyparsing==3.2.3
11 python-dateutil==2.9.0.post0
12 qrcode==8.2
13 six==1.17.0
14
```

Terminal output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

(env_002_cabeza) PS D:\emanuel_cabeza_rf01>
```

## Entorno virtual 3:

```
Project v
└─ emanuel_cabeza_rf01 D:\emanuel_cabeza_rf01
   └─ main.py
      └─ requirements.txt
         └─ External Libraries
            └─ Scratches and Consoles
```

```
main.py requirements.txt
1 numpy==2.3.2
2 opencv-python==4.12.0.88
3 pandas==2.3.2
4 PyMySQL==1.1.2
5 python-dateutil==2.9.0.post0
6 pytz==2025.2
7 six==1.17.0
8 tzdata==2025.2
9
```

```
Terminal Local x
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

(env_003_cabeza) PS D:\emanuel_cabeza_rf01>
```

9:1 CRLF UTF-16LE 4 spaces Python 3.13 (env\_003\_cabeza)

## Entorno virtual 4:

```
Project v
└─ emanuel_cabeza_rf01 D:\emanuel_cabeza_rf01
   └─ main.py
      └─ requirements.txt
         └─ External Libraries
            └─ Scratches and Consoles
```

```
main.py requirements.txt
1 asgiref==3.9.1
2 awscli==1.42.25
3 botocore==1.40.25
4 colorama==0.4.6
5 Django==5.2.6
6 docutils==0.22
7 jmespath==1.0.1
8 pyasn1==0.6.1
9 python-dateutil==2.9.0.post0
10 PyYAML==0.2
11 reas==4.9.1
12 s3transfer==0.13.1
13 six==1.17.0
14 spark==0.2.1
15 sqlparse==0.5.3
16 tzdata==2025.2
17 urllib3==2.5.0
18
```

```
Terminal Local x
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

(env_004_cabeza) PS D:\emanuel_cabeza_rf01>
```

15:16 CRLF UTF-16LE 4 spaces Python 3.13 (env\_004\_cabeza)