

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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```
PS C:\Users\wpmwo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu & C:/Users/wpmwo/Downloads/la_wastage_analysis/venv/Scripts/Activate.ps1
● (venv) PS C:\Users\wpmwo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu deactivate
● PS C:\Users\wpmwo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu .venv\Scripts\activate
(python-fundamentals-pasindu) PS C:\Users\wpmwo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu pip list
Package           Version
-----
altair            5.5.0
annotated-types   0.7.0
anyio             4.9.0
argon2-cffi       23.1.0
argon2-cffi-bindings 21.2.0
arrow              1.3.0
asttokens          2.4.1
async-lru          2.0.5
attrs              25.3.0
babel              2.17.0
beautifulsoup4    4.13.3
bleach              6.2.0
blinker             1.9.0
cachetools         5.5.2
certifi            2025.11.12
cffi                2.0.0
charset-normalizer 3.4.1
click               8.2.0
colorama            0.4.6
comm                0.2.2
contourpy           1.3.2
cryptography        46.0.3
curl_cffi           0.13.0
cyclone             0.12.1
debugpy              1.8.7
decorator            5.1.1
defusedxml          0.7.1
```

EXPLORER

...

PYTHON-FUNDAMENTALS-PASINDU

.venv

assignment1\_python\_development\_environment\_fundame...

assignment2\_type\_safety

assignment9\_vector\_embeddings\_and\_text\_chunking

src

\_\_init\_\_.py

data\_analyzer.py

utils.py

.gitignore

! .pre-commit-config.yaml

mypy.ini

pyproject.toml

requirements.txt

The screenshot shows the VS Code interface with the Explorer sidebar on the left and the Editor on the right. The Explorer sidebar displays a project structure under 'PYTHON-FUNDAMENTALS-PASINDU' with files like .venv, assignment1, assignment2, assignment9, and a 'src' directory containing \_\_init\_\_.py, data\_analyzer.py, and utils.py. The '.gitignore' and 'mypy.ini' files are also listed. The Editor tab shows the 'mypy.ini' file content:

```
[mypy]
python_version = 3.12
warn_return_any = True
warn_unused_configs = True
disallow_untyped_defs = True

[mypy-src.*]
ignore_missing_imports = True
```

The screenshot shows the VS Code interface with the Explorer sidebar on the left and the Editor on the right. The Explorer sidebar displays a project structure under 'PYTHON-FUNDAMENTALS-PASINDU' with files like .venv, assignment1, assignment2, assignment9, and a 'src' directory containing \_\_init\_\_.py, data\_analyzer.py, and utils.py. The '.gitignore' and 'mypy.ini' files are listed. The Editor tab shows the 'pyproject.toml' file content:

```
line-length = 88
select = ["E", "F", "W", "C90"]
exclude = ["venv", "__pycache__"]
```

```
(.venv) PS C:\Users\wpmpo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu> pre-commit install
pre-commit installed at .git\hooks\pre-commit
(.venv) PS C:\Users\wpmpo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu> pre-commit install ...
- librt==0.6.3
- mypy==1.19.0
+ mypy==1.8.0
- mypy-extensions==1.1.0
- nodeenv==1.9.1
+ pandas==2.3.2
- pathspec==0.12.1
- platformdirs==4.5.0
- pre-commit==4.5.0
+ pre-commit==3.6.0
- pydantic==2.12.5
- pydantic-core==2.41.5
+ pytest==7.4.4
+ pytest-cov==4.1.0
- pyyaml==6.0.3
+ requests==2.31.0
- ruff==0.14.7
+ ruff==0.1.9
+ sqlalchemy==2.0.23
- typing-extensions==4.15.0
- typing-inspection==0.4.2
- virtualenv==20.35.4
(.venv) PS C:\Users\wpmpo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu>
```

```
(python_fundamentals) PS C:\Users\wpmpo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu> pre-commit run --all-files
ruff.....(no files to check)Skipped
ruff-format.....(no files to check)Skipped
mypy.....(no files to check)Skipped
(python_fundamentals) PS C:\Users\wpmpo\OneDrive\Documents\DSSB - SEM 3\Python for data engineering\Assignments- Re do\python-fundamentals-pasindu>
```

#### Note:

I Used a lot of AI in this project. I experienced a lot of corruptions in the virtual environment which I didn't know how to resolve. ChatGPT answered that I get the corruption in the venv since my folders are inside the OneDrive. I still don't understand it. I have been working with virtual environments in folders which are inside the OneDrive.