

Detect Deprecated Methods using Mypy library

```
105 df_csv = pd.read_csv('data.csv')
106
107 df_csv = pd.append([df_csv, df_csv])
108 print(df_csv)
109 next_idx = len(df_csv)
110 print(next_idx)
111 #Create a dataframe from a sql table
112 df_csv.loc[next_idx] = ['Ashfdkjshn', 20, 'New York']
113 print(df_csv)
114 df_csv.to_csv('data_new.csv', index=False)
```

| OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS | COMMENTS |
|--------|---------------|----------|-------|----------|
|--------|---------------|----------|-------|----------|

```
Downloading types_pytz-2025.1.0.20250204-py3-none-any.whl.metadata (2.0 kB)
Downloading pandas_stubs-2.2.3.250308-py3-none-any.whl (158 kB)
 158.1/158.1 kB 1.3 MB/s eta 0:00:00
Downloading types_pytz-2025.1.0.20250204-py3-none-any.whl (10 kB)
Installing collected packages: types-pytz, pandas-stubs
Successfully installed pandas-stubs-2.2.3.250308 types-pytz-2025.1.0.20250204
(restapi) hafsa_027@Dell:/mnt/d/MTHREE/NOTES/week5$ mypy restapi/src/numpy_pandas.py --strict
restapi/src/numpy_pandas.py:107: error: Module has no attribute "append" [attr-defined]
Found 1 error in 1 file (checked 1 source file)
(restapi) hafsa_027@Dell:/mnt/d/MTHREE/NOTES/week5$
```

Mypy is a static type checker for Python.
It catches type-related errors before runtime.
It works with Python's type hints (`typing` module).

`pip install mypy`

`mypy restapi/src/numpy_pandas.py --strict`

`pip install pandas-stubs` (If a function is marked as `@deprecated` in the type stubs, mypy will notify)

`mypy restapi/src/numpy_pandas.py --strict`

restapi- virtual environment

src- folder

numpy_pandas.py - file