

```
In [1]: from pathlib import Path
import pandas as pd
import requests

def fetch_raw_data(year: int, month: int) -> str:
    url = f"https://d37ci6vzurychx.cloudfront.net/trip-data/yellow_tripdata_{year}-{month}"
    response = requests.get(url)
    if response.status_code == 200:
        # Use pathlib to construct the path
        path = Path("..") / "data" / "raw" / f"rides_{year}_{month:02}.parquet"
        # Ensure the parent directory exists
        path.parent.mkdir(parents=True, exist_ok=True)
        # Write the content to the file
        path.write_bytes(response.content)
        print(f"Successfully fetched: {str(path)}")
        return str(path)
    else:
        raise Exception(f"{url} is not available")
```

A module that was compiled using NumPy 1.x cannot be run in NumPy 2.2.3 as it may crash. To support both 1.x and 2.x versions of NumPy, modules must be compiled with NumPy 2.0. Some module may need to rebuild instead e.g. with 'pybind11>=2.12'.

If you are a user of the module, the easiest solution will be to downgrade to 'numpy<2' or try to upgrade the affected module. We expect that some modules will need time to support NumPy 2.

```
Traceback (most recent call last): File "<frozen runpy>", line 198, in _run_module_as_main
File "<frozen runpy>", line 88, in _run_code
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel_launcher.py", line 17, in <module>
app.launch_new_instance()
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\traitlets\config\application.py", line 992, in launch_instance
app.start()
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\kernelapp.py", line 711, in start
self.io_loop.start()
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\tornado\platform\asyncio.py", line 195, in start
self.asyncio_loop.run_forever()
File "C:\Users\SUMANTH\anaconda3\Lib\asyncio\base_events.py", line 607, in run_forever
self._run_once()
File "C:\Users\SUMANTH\anaconda3\Lib\asyncio\base_events.py", line 1922, in _run_once
handle._run()
File "C:\Users\SUMANTH\anaconda3\Lib\asyncio\events.py", line 80, in _run
self._context.run(self._callback, *self._args)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\kernelbase.py", line 510, in dispatch_queue
await self.process_one()
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\kernelbase.py", line 499, in process_one
await dispatch(*args)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\kernelbase.py", line 406, in dispatch_shell
await result
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\kernelbase.py", line 729, in execute_request
reply_content = await reply_content
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\ipkernel.py", line 411, in do_execute
res = shell.run_cell(
```

```

File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\ipykernel\zmqshell.py", line 531, in
run_cell
    return super().run_cell(*args, **kwargs)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\interactiveshell.py",
line 3006, in run_cell
    result = self._run_cell(
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\interactiveshell.py",
line 3061, in _run_cell
    result = runner(coro)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\async_helpers.py", lin
e 129, in _pseudo_sync_runner
    coro.send(None)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\interactiveshell.py",
line 3266, in run_cell_async
    has_raised = await self.run_ast_nodes(code_ast.body, cell_name,
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\interactiveshell.py",
line 3445, in run_ast_nodes
    if await self.run_code(code, result, async_=asy):
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\IPython\core\interactiveshell.py",
line 3505, in run_code
    exec(code_obj, self.user_global_ns, self.user_ns)
File "C:\Users\SUMANTH\AppData\Local\Temp\ipykernel_19080\2492206145.py", line 2, in <
module>
    import pandas as pd
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\__init__.py", line 62, in <m
odule>
    from pandas.core.api import (
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\api.py", line 28, in <m
odule>
    from pandas.core.arrays import Categorical
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\__init__.py", li
ne 1, in <module>
    from pandas.core.arrays.arrow import ArrowExtensionArray
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\arrow\__init__.p
y", line 5, in <module>
    from pandas.core.arrays.arrow.array import ArrowExtensionArray
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\arrow\array.py",
line 50, in <module>
    from pandas.core import (
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\ops\__init__.py", line
8, in <module>
    from pandas.core.ops.array_ops import (
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\ops\array_ops.py", line
56, in <module>
    from pandas.core.computation import expressions
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\computation\expression
s.py", line 21, in <module>
    from pandas.core.computation.check import NUMEXPR_INSTALLED
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\computation\check.py",
line 5, in <module>
    ne = import_optional_dependency("numexpr", errors="warn")
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\compat\_optional.py", line 1
35, in import_optional_dependency
    module = importlib.import_module(name)
File "C:\Users\SUMANTH\anaconda3\Lib\importlib\__init__.py", line 126, in import_modul
e
    return _bootstrap.gcd_import(name[level:], package, level)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\numexpr\__init__.py", line 24, in <
module>
    from numexpr.interpreter import MAX_THREADS, use_vml, __BLOCK_SIZE1__

```

AttributeError

Traceback (most recent call last)

AttributeError: _ARRAY_API not found

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versions of NumPy, modules must be compiled with NumPy 2.0.
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File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\arrow\__init__.py", line 5, in <module>
    from pandas.core.arrays.arrow.array import ArrowExtensionArray
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\arrow\array.py", line 64, in <module>
    from pandas.core.arrays.masked import BaseMaskedArray
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\arrays\masked.py", line 60, in <module>
    from pandas.core import (
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\core\nanops.py", line 52, in <module>
    bn = import_optional_dependency("bottleneck", errors="warn")
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\pandas\compat\_optional.py", line 135, in import_optional_dependency
    module = importlib.import_module(name)
File "C:\Users\SUMANTH\anaconda3\Lib\importlib\__init__.py", line 126, in import_module
    return _bootstrap._gcd_import(name[level:], package, level)
File "C:\Users\SUMANTH\anaconda3\Lib\site-packages\bottleneck\__init__.py", line 7, in <module>
    from .move import (move_argmax, move_argmin, move_max, move_mean, move_median,
-----
AttributeError                                Traceback (most recent call last)
AttributeError: _ARRAY_API not found

```

In [2]: `fetch_raw_data(2023, 1)`

Successfully fetched: `..\data\raw\rides_2023_01.parquet`

Out[2]: `'..\data\raw\rides_2023_01.parquet'`

In []: