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بنو قابل

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Automating Jupyter Notebook Execution with Error Tracking

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Automated Jupyter Notebook Execution and Tracking

- ❑ The purpose of this code is to;
    - ❑ Automate the execution of Jupyter notebooks.
    - ❑ Track and identify any errors that occur during the execution process.

The code achieves this by defining a function run_script(script_path) that executes Jupyter notebooks and then iterates through a list of script paths, executing each one and capturing any scripts that encounter errors. The identified error scripts are then printed at the end of the execution.

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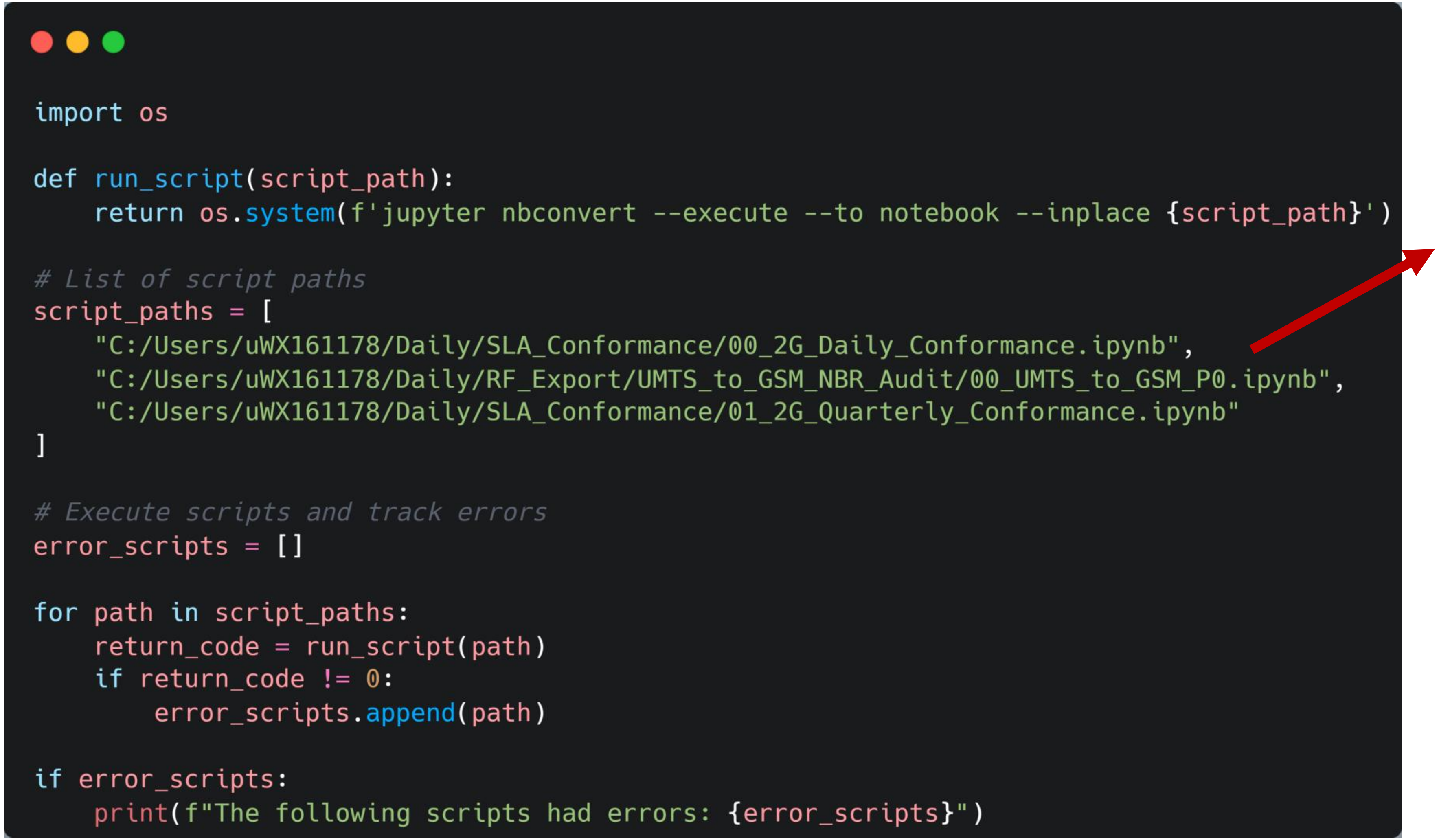

```python
import os

def run_script(script_path):
    return os.system(f'jupyter nbconvert --execute --to notebook --inplace {script_path}')

# List of script paths
script_paths = [
    "C:/Users/uWX161178/Daily/SLA_Conformance/00_2G_Daily_Conformance.ipynb",
    "C:/Users/uWX161178/Daily/RF_Export/UMTS_to_GSM_NBR_Audit/00_UMTS_to_GSM_P0.ipynb",
    "C:/Users/uWX161178/Daily/SLA_Conformance/01_2G_Quarterly_Conformance.ipynb"
]

# Execute scripts and track errors
error_scripts = []

for path in script_paths:
    return_code = run_script(path)
    if return_code != 0:
        error_scripts.append(path)

if error_scripts:
    print(f"The following scripts had errors: {error_scripts}")
```

These Python scripts operate independently of each other.