Test Notebook

This notebook is used for testing and experimentation with the MNIST dataset.

Dependencies

Import required libraries and modules

In [1]:
```python
import sys
import os

# Add project root to Python path
current_dir = os.getcwd()
project_root = os.path.dirname(current_dir)
sys.path.append(project_root)

import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd
```

Reference to Main Notebook

This notebook is referenced in `MNIST_introduction_and_visualisation.py` for testing purposes.

In [2]:
```python
a = 1
b = 2
c = a + b
```

In [3]:
```python
print("Variables values:")
print(f"a = {a}")
print(f"b = {b}")
print(f"c = {c} (sum of a and b)")
```

```
Variables values:
a = 1
b = 2
c = 3 (sum of a and b)
```

Variables Reference

The values used in the previous cell are:

- a = 1
- b = 2
- c = 3 (sum of a and b)