```
Asus@R465J MINGW64 ~/Desktop/MADE/MADE-WIN2024/project (main)
$ ./tests.sh
Executing pipeline.py...
Downloading data from https://meps.ahrq.gov/mepsweb/data_files/pufs/h237/h237xlsx.zip...
Columns in the h237xlsx.zip dataset: ['JOBSIDX', 'JOBIDX', 'JOBNUM', 'ESTBIDX', 'DUPERSID
', 'DUID', 'PID', 'RN', 'OrigRnd', 'PANEL', 'JSTRTM', 'JSTRTY', 'JSTOPM', 'JSTOPY', 'RETI
RJOB', 'SUBTYPE', 'STILLAT', 'TYPECHGD', 'MAIN_JOB', 'DIFFWAGE', 'StillWorkFTPT', 'WhyChn
gPTToFT', 'WhyChngFTToPT', 'STILLWRK', 'OFFTAKEI', 'NOWTAKEI_M22', 'ESTBTHRU', 'INSESTB',
 'HIDISAVW', 'RvwTotNumEmp', 'WHY_LEFT_M18', 'JOBTYPE', 'NUMEMPS', 'ESTMATE1_M19', 'MOREL
OC', 'BUSINC', 'PROPRIET', 'TYPEEMPL', 'YLEFT_M18', 'YNOBUSN_M18', 'HRSPRWK', 'HRS35WK',
'TEMPJOB', 'SESNLJOB', 'SICKPAY', 'PAYDRVST', 'PAYVACTN', 'RETIRPLN', 'WKLYAMT', 'EMPLINS
', 'JOBHASHI', 'OFFRDINS', 'DIFFPLNS', 'ANYINS', 'INUNION', 'PROVDINS', 'EmplUnionProv',
'HHMEMBER_M18', 'TOTLEMP_M18', 'TotNumEmp', 'SALARIED', 'HOWPAID', 'DAYWAGE', 'HRSPRDY',
'MAKEAMT', 'PERUNIT_M18', 'HRLYWAGE', 'MORE10', 'MORE15', 'MOREMINM', 'GROSSPAY', 'GROSSP
ER', 'SALRYWKS', 'HRSALBAS', 'EARNTIPS', 'EARNBONS', 'EARNCOMM', 'TIPSAMT', 'TIPSUNIT_M18
', 'BONSAMT', 'BONSUNIT', 'COMMAMT', 'COMMUNIT', 'INDCODEX', 'OCCCODEX']
Downloading data from https://meps.ahrq.gov/mepsweb/data_files/pufs/h240/h240xlsx.zip...
Columns in the h240xlsx.zip dataset: ['HOMEIDX', 'DUID', 'PANEL', 'RULETR42', 'FSOUT42',
'FSLAST42', 'FSAFRD42', 'FSSKIP42', 'FSSKDY42', 'FSLESS42', 'FSHGRY42', 'FSWTLS42', 'FSNE
AT42', 'FSNEDY42', 'FSWT42', 'VARSTR', 'VARPSU']
Head of the merged DataFrame:
   dwelling_unit_id  job_type  ...  meal_skip   food_weight
0          2460006         2  ...         -1  16027.953624
1          2460006         2  ...         -1  16027.953624
2          2460006         2  ...         -1  16027.953624
```

```
3          2460010         2  ...         -1  21919.533067
4          2460010         2  ...         -1  21919.533067

[5 rows x 11 columns]

Displaying 15 rows from the merged DataFrame:
   dwelling_unit_id  job_type  ...  meal_skip    food_weight
0          2460006         2  ...         -1   16027.953624
1          2460006         2  ...         -1   16027.953624
2          2460006         2  ...         -1   16027.953624
3          2460010         2  ...         -1   21919.533067
4          2460010         2  ...         -1   21919.533067
5          2460010         2  ...         -1   21919.533067
6          2460010         2  ...         -1   21919.533067
7          2460018         2  ...         -1   11351.424224
8          2460018         2  ...         -1   11351.424224
9          2460018         2  ...         -1   11351.424224
10         2460024         2  ...         -1    9815.211937
11         2460024         2  ...         -1    9815.211937
12         2460024         2  ...         -1    9815.211937
13         2460026         2  ...         -1    7984.011105
14         2460026         2  ...         -1    7984.011105

[15 rows x 11 columns]

Queried DataFrame from SQLite (first 5 rows):
```

```
Queried DataFrame from SQLite (first 5 rows):
   dwelling_unit_id  job_type  ...  meal_skip    food_weight
0           2460006         2  ...         -1  16027.953624
1           2460006         2  ...         -1  16027.953624
2           2460006         2  ...         -1  16027.953624
3           2460010         2  ...         -1  21919.533067
4           2460010         2  ...         -1  21919.533067

[5 rows x 11 columns]

Merged dataset saved as ./data\merged_dataset.csv
Validating output files...
Database file exists: ./data/merged_dataset.db
CSV file exists: ./data/merged_dataset.csv
Validating database content...
Test passed: 'merged_data' table exists in the database.
Test passed: 'merged_data' table contains 41123 rows.
All tests passed successfully.
```