Nicolas Hernandez

SDEV 300

Lab 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case | Input | Expected output | Actual output | Pass? |
| 1 | 3 | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Thanks for using the Data Analysis App \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Thanks for using the Data Analysis App \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | yes |
| 2 | 1. a | Count of Pop Apr 1 : 557  Mean Pop Apr 1 : 56557.314183123875  Standard deviation of Pop Apr 1 : 158127.10545434812  Min Pop Apr 1 : 13519  Max Pop Apr 1 : 3726157  Including pop up | Count of Pop Apr 1 : 557  Mean Pop Apr 1 : 56557.314183123875  Standard deviation of Pop Apr 1 : 158127.10545434812  Min Pop Apr 1 : 13519  Max Pop Apr 1 : 3726157  Including pop up | yes |
| 3 | 1. b | Count of Pop Jul 1 : 557  Mean Pop Jul 1 : 55758.48473967684  Standard deviation of Pop Jul 1 : 136086.53082593967  Min Pop Jul 1 : 12619  Max Pop Jul 1 : 3195153 | Count of Pop Jul 1 : 557  Mean Pop Jul 1 : 55758.48473967684  Standard deviation of Pop Jul 1 : 136086.53082593967  Min Pop Jul 1 : 12619  Max Pop Jul 1 : 3195153 | yes |
| 4 | 1. c | Count of Change Pop : 557  Mean Change Pop : -798.8294434470376  Standard deviation of Change Pop : 22711.352869824655  Min Change Pop : -531004  Max Change Pop : 22363 | Count of Change Pop : 557  Mean Change Pop : -798.8294434470376  Standard deviation of Change Pop : 22711.352869824655  Min Change Pop : -531004  Max Change Pop : 22363 | Yes |
| 5 | 1. a | Count of Age: 10042  Mean Age: 47.2194781915953  Standard deviation of Age: 23.149798767083286  Min Age: -9  Max Age: 93 | Count of Age: 10042  Mean Age: 47.2194781915953  Standard deviation of Age: 23.149798767083286  Min Age: -9  Max Age: 93 | Yes |
| 6 | 1. c | Count of Built: 10042  Mean Built: 1966.9522007568214  Standard deviation of Built: 26.30583051507909  Min Built: 1919  Max Built: 2012 | Count of Built: 10042  Mean Built: 1966.9522007568214  Standard deviation of Built: 26.30583051507909  Min Built: 1919  Max Built: 2012 | Yes |
| 7 | 1. e | Count of Utility: 10042  Mean Utility: 189.58596395143397  Standard deviation of Utility: 128.92876648751212  Min Utility: 0.0  Max Utility: 1107.583333 | Count of Utility: 10042  Mean Utility: 189.58596395143397  Standard deviation of Utility: 128.92876648751212  Min Utility: 0.0  Max Utility: 1107.583333 | Yes |
| 8 |  | You have entered Housing Data.  Select the Column you want to analyze:  a. Age  b. Bedrooms  c. Built  d. Rooms  e. Utility  f. Exit column | You have entered Housing Data.  Select the Column you want to analyze:  a. Age  b. Bedrooms  c. Built  d. Rooms  e. Utility  f. Exit column | Yes |

Text

Description automatically generated

Test Case 1

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generated

Test Case 2

Test Case 3

Graphical user interface, application

Description automatically generated

Test Case 4

Chart, histogram

Description automatically generatedGraphical user interface, application

Description automatically generated

Test Case 5

Test Case 6

Chart, histogram

Description automatically generatedText

Description automatically generatedGraphical user interface, text

Description automatically generated

Test Case 7

Test Case 8

Pylint Score