Test Report Template

|  |  |  |  |
| --- | --- | --- | --- |
| Student | Bianeiry Almaraz Arenas | Date | 16-09-2022 |
| Program | Regresión lineal | Program # | 3 |
| Instructor | MISG | Language | C++ |

|  |  |
| --- | --- |
| Test Name/Number | Test 1 |
| Test Objective | Calcule los parámetros de regresión y los coeficientes |
|  |  |
| Test Description | Calcule los parámetros de regresión y los coeficientes de correlación entre el |
|  | tamaño de representación estimado y el tamaño agregado, modificado real con las fórmulas y leerlo. |
|  |  |
| Test Conditions | Compilador Dev C++  Se coloca el archivo Test1\_Columna1 y Test3\_Columna3 |
|  |  |
| Expected Results | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 1 | -22.55 | 1.7279 | 0.9545 | 0.9111 | 644.429 | |
| Actual Results |  |
|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 1 | -22.5524 | 1.72793 | 0.954497 | 0.911064 | 644.429 | |
|  |  |
| Test Name/Number | Test 2 |
| Test Objective | Calcule los parámetros de regresión y los coeficientes de correlación. |
|  |  |
| Test Description | Calcule los parámetros de regresión y los coeficientes de correlación entre el |
|  | tamaño de proxy estimado, el tiempo de desarrollo real con las fórmulas y leerlo. |
| Test Conditions |  |
|  | Compilador Dev C++  Se coloca el archivo Test1\_Columna1 y Test4\_Columna4 |
| Expected Results |  |
|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 2 | -4.039 | 0.1681 | 0.9333 | .8711 | 60.858 | |
|  |  |
|  |  |
| Actual Results | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 2 | -4.03889 | 0.168127 | 0.933307 | .871062 | 60.  858 | | |

|  |  |
| --- | --- |
| Test Name/Number | Test 3 |
| Test Objective | Calcule los parámetros de regresión y los coeficientes de correlación. |
|  |  |
| Test Description | Calcule los parámetros de regresión y coeficientes de correlación entre el |
|  | tamaño agregado y modificado del plan y el tamaño real agregado, modificado con las fórmulas y leerlo. |
| Test Conditions |  |
|  | Compilador Dev C++  Se coloca el archivo Test2\_Columna2 y Test3\_Columna3 |
| Expected Results |  |
|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 3 | -23.92 | 1.43097 | .9631 | .9276 | 528.4294 | |
| Actual Results |  |
|  |  |
|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 3 | -23.9238 | 1.43097 | .963114 | .927589 | 528.429 | |

|  |  |
| --- | --- |
| Test Name/Number | Test 4 |
| Test Objective | Calcule los parámetros de regresión y los coeficientes de correlación. |
|  |  |
| Test Description | Calcule los parámetros de regresión y los coeficientes de correlación entre el |
|  | tamaño agregado y modificado del plan y el tiempo de desarrollo real con las fórmulas. |
| Test Conditions | Compilador Dev C++ |
|  | Se coloca el archivo Test3\_Columna3 y Test4\_Columna4 |
| Expected Results |  |
|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 4 | -4.604 | 0.140164 | .9480 | .8988 | 49.4994 | |
|  |  |
| Actual Results | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | | Test 4 | -4.604376 | 0.140164 | .948033 | .898867 | 49.4994 | |
|  |  |
|  |  |
|  |  |
|  |  |

Test Report Template Instructions

|  |  |
| --- | --- |
| Purpose | * To maintain a record of the tests run and the results obtained * To be sufficiently complete so that you can later re-run the same tests and get the same results * To facilitate regression testing of modified or reused programs |
| General | * Expand this table or use multiple copies as needed. * Report all the tests that were successfully run. * Be as brief and concise as possible. |
| Header | * Enter your name and the date. * Enter the program name and number. * Enter the instructor’s name and the programming language you are using. |
| Test Name/Number | Uniquely identify each test for each program.   * the same tests with different data * the same data with different tests |
| Test Objective | Briefly describe the objective of the test. |
| Test Description | Describe each test’s data and procedures in sufficient detail to facilitate its later use as a regression test. |
| Test Conditions | * List any special configuration, timing, fix, or other conditions of the test. * When multiple tests are run with different parameters or under varying conditions, separately list each. |
| Expected Results | List the results that the test should produce if it runs properly. |
| Actual Results | List the results that were actually produced. |