Instituto Tecnológico y de Estudios Superiores Monterrey

Pruebas de software y aseguramiento de la calidad

Actividad 5.2
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A continuación, se muestran las evidencias del ejercicio:

P1 compute_sales.py

TC1

```
42    Hazelnut in black ceramic bowl: 2 x 27.35 = 54.70
43    Tomatoes: 1 x 26.03 = 26.03
44    Plums: 2 x 19.18 = 38.36
45    Fresh blueberries: 3 x 21.01 = 63.03
46    Green smoothie: 5 x 17.68 = 88.40
47    Corn: 4 x 13.55 = 54.20
48
49    Total de ventas: 2481.86
50    Tiempo Transcurrido: 0.000519 segundos
```

TC2

```
40    Sweet fresh stawberry: 131 x 29.45 = 3857.95
41    Homemade bread: 9 x 17.48 = 157.32
42    Smoothie with chia seeds: 13 x 25.26 = 328.38
43    Corn: 678 x 13.55 = 9186.90
44    Plums: 334 x 19.18 = 6406.12
45    Fresh blueberries: 3445 x 21.01 = 72379.45
46    Green smoothie: -123 x 17.68 = -2174.64
47    Corn: 445 x 13.55 = 6029.75
48
49    Total de ventas: 166568.23
50    Tiempo Transcurrido: 0.001504 segundos
```

TC3

```
38    Sweet fresh stawberry: 131 x 29.45 = 3857.95
39    Homemade bread: 9 x 17.48 = 157.32
40    Smoothie with chia seeds: 13 x 25.26 = 328.38
41    Corn: 678 x 13.55 = 9186.90
42    Plums: 334 x 19.18 = 6406.12
43    Fresh blueberries: 3445 x 21.01 = 72379.45
44    Green smoothie: -123 x 17.68 = -2174.64
45    Corn: 445 x 13.55 = 6029.75
46
47    Total de ventas: 165235.37
48    Tiempo Transcurrido: 0.019225 segundos
```

Pylint análisis:

```
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> pylint compute_sales.py
************* Module compute_sales
compute_sales.py:19:0: C0301: Line too long (109/100) (line-too-long)
compute_sales.py:45:0: C0301: Line too long (121/100) (line-too-long)
compute_sales.py:1:0: C0114: Missing module docstring (missing-module-docstring)

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Your code has been rated at 9.53/10

PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> pylint compute_sales.py

----------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 9.53/10, +0.47)

PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2>
```

Flake8 análisis:

```
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:8:1: E302 expected 2 blank lines, found 1
compute_sales.py:17:80: E501 line too long (80 > 79 characters)
compute_sales.py:20:1: E302 expected 2 blank lines, found 1
compute_sales.py:21:58: W291 trailing whitespace
compute_sales.py:31:1: E302 expected 2 blank lines, found 1
compute_sales.py:40:80: E501 line too long (94 > 79 characters)
compute_sales.py:43:80: E501 line too long (85 > 79 characters)
compute_sales.py:47:1: E302 expected 2 blank lines, found 1
compute_sales.py:48:57: W291 trailing whitespace
compute_sales.py:55:1: E302 expected 2 blank lines, found 1
compute_sales.py:58:80: E501 line too long (83 > 79 characters)
compute_sales.py:68:80: E501 line too long (85 > 79 characters)
compute_sales.py:73:80: E501 line too long (84 > 79 characters)
compute_sales.py:85:1: E305 expected 2 blank lines after class or function definition, found 1
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2>
```

Arreglando errores:

```
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:45:80: E501 line too long (94 > 79 characters)
compute_sales.py:48:80: E501 line too long (85 > 79 characters)
compute_sales.py:65:80: E501 line too long (83 > 79 characters)
compute_sales.py:75:80: E501 line too long (85 > 79 characters)
compute_sales.py:80:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:50:80: E501 line too long (85 > 79 characters)
compute_sales.py:67:80: E501 line too long (83 > 79 characters)
compute_sales.py:77:80: E501 line too long (85 > 79 characters)
compute_sales.py:82:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:69:80: E501 line too long (83 > 79 characters)
compute_sales.py:79:80: E501 line too long (85 > 79 characters)
compute_sales.py:84:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:69:15: F541 f-string is missing placeholders
compute_sales.py:81:80: E501 line too long (85 > 79 characters)
compute_sales.py:86:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:69:15: F541 f-string is missing placeholders
compute_sales.py:81:80: E501 line too long (85 > 79 characters)
compute_sales.py:86:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:80:80: E501 line too long (85 > 79 characters)
compute_sales.py:85:80: E501 line too long (84 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:80:80: E501 line too long (85 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:80:80: E501 line too long (85 > 79 characters)
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
compute_sales.py:81:9: E129 visually indented line with same indent as next logical line
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> flake8 compute_sales.py
PS C:\Users\maalo\Documents\Maestria\Trimestre 5\Sw quality\Actividad 5.2> python compute_sales.py ProductList.json ./TC1/TC1.Sales.json
```