

## Pylint Run

```
• compute_sales.py:116:0: R0914: Too many local variables (17/15) (too-many-locals)

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Your code has been rated at 9.90/10 (previous run: 9.79/10, +0.10)

(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> pylint compute_sales.py
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Your code has been rated at 10.00/10 (previous run: 9.90/10, +0.10)
```

## Flake8 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> flake8 compute_sales.py
compute_sales.py:29:1: E302 expected 2 blank lines, found 1
• compute_sales.py:100:1: E302 expected 2 blank lines, found 1
compute_sales.py:114:60: W291 trailing whitespace
compute_sales.py:120:1: E302 expected 2 blank lines, found 1
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> flake8 compute_sales.py
• (.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> █
```

## TC1 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> python compute_sales.py sources/TC1.ProductList.json sources/TC1.Sales.json
SALES RESULTS
SALE_ID TOTAL
1      21.32
2      28.59
3      53.04
4      26.03
5      35.36
6      11.73
7      19.18
8      35.19
9      67.44
10     54.70

TOTAL SALES COST: $2481.86
Execution Time (seconds): 0.0010008811950683594
```

## TC2 Run

```
• (.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> python compute_sales.py sources/TC1.ProductList.json sources/TC2.Sales.json
SALES RESULTS
SALE_ID TOTAL
1     4264.00
2     6318.39
3     7072.00
4      26.03
5     5304.00
6      914.94
7       17.68
8       88.35
9     6300.75
10      328.38

TOTAL SALES COST: $166568.23
Execution Time (seconds): 0.0
```

## TC3 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\A5.2> python compute_sales.py sources/TC1.ProductList.json sources/TC3.Sales.json
SALES RESULTS
SALE_ID TOTAL
1 4264.00
2 6318.39
3 7072.00
4 26.03
5 5304.00
6 914.94
7 17.68
8 88.35
9 6300.75
10 328.38

TOTAL SALES COST: $165235.37
Execution Time (seconds): 0.005001068115234375

ERRORS FOUND:
- Invalid sales entry at index 21: non-existing product.
- Invalid sales entry at index 35: non-existing product.
```