

# Maestría en Inteligencia Artificial

Pruebas de software y aseguramiento de la calidad

### Actividad 5.2

Ejercicio de programación 2 y análisis estático

Profesor Titular: Dr. Gerardo Padilla Zárate

Profesor Asistente: Mtra. Yetnalezi Quintas Ruiz

## Alumno:

Jorge Arturo Federico Rivera (A01250724)

### Pylint y flake8

No se muestra ningún problema dentro de VSCode:

```
compute_sales.py - Untitled (Workspace) - Visual Studio Code
      EXPLORER
                                       compute sales.py X
Ð
     VINTITLED (WORKSP... (♣ □ ひ 回 A5.2 > ♣ compute_sales.py > ..
                                             with open(sales_filepath, encoding="utf-8") as file:
    sales_data = json.load(file)
       ∨ A5.2

∨ Reference Files

                                             ₫
       compute_sales.py
                                                   try:
| sale_product = sale["Product"]
                                                   product_price = products_prices[sale_product]
except KeyError:
                                                      # Elapsed time calculation
final_timestamp = time.time()
elapsed_time = final_timestamp - initial_timestamp
                                              # Results compilation
results = [
    f"Sales Total: {total:.2f}",
    f"Elapsed Time: {elapsed_time}",
                                        No problems have been detected in the workspace.
     > OUTLINE
     > TIMELINE
```

### Resultados de los Test Cases:

```
sh-5.2$ /bin/python /home/deck/Documents/School/Pruebas/A5.2/compute sales.py Reference\ Files/TC1/TC1.ProductList.json Reference\ Files/TC1/TC1.Sales.json [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups Elapsed Time: 0.01620316505432129
Errors: [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups sh-5.2$ /bin/python /home/deck/Documents/School/Pruebas/A5.2/compute_sales.py Reference\ Files/TC2/TC1.ProductList.json Reference\ Files/TC2/TC2.Sales.json [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups Sales Total: 166568.23
Elapsed Time: 0.016927242279052734
Errors: [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups sh-5.2$ /bin/python /home/deck/Documents/School/Pruebas/A5.2/compute_sales.py Reference\ Files/TC3/TC1.ProductList.json Reference\ Files/TC3/TC3.Sales.json [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups Sales Total: 165235.37
Elapsed Time: 0.017626285552978516
Errors:
    Product Elotes was not found in the catalogue. Skipping item. Product Frijoles was not found in the catalogue. Skipping item. [481 preload-host-spawn-strategy] Warning: waitpid override ignores groups
```