

## TC1

```

120 # Req1. Imprimir todos los resultados en una pantalla
121 print(resultado_final)
122
123 # Req2. Los resultados generados se almacenan en un archivo llamado StatisticsResults.
124 with open("StatisticsResults.txt", "w", encoding='utf-8') as out_file:
125     out_file.write(resultado_final)
126
127
128 if __name__ == "__main__":
129     main()

```

Overwriting computeStatistics.py

```

1 !pip install pylint -q
2 !pylint computeStatistics.py

```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

```

1 !python computeStatistics.py fileWithData.txt

```

Resultado de las estadísticas

Media: 242.32000  
Mediana: 239.50000  
Moda: [393.0, 170.0]  
Desviacion Estandar: 145.44002  
Varianza: 21152.79960  
Tiempo de ejecucion: 0.000306 segundos

```

1 !cat StatisticsResults.txt

```

Resultado de las estadísticas

Media: 242.32000  
Mediana: 239.50000  
Moda: [393.0, 170.0]  
Desviacion Estandar: 145.44002  
Varianza: 21152.79960  
Tiempo de ejecucion: 0.000306 segundos

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What can I help you build?

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fileWithData.txt

```

354 51
355 168
356 424
357 250
358 331
359 190
360 213
361 341
362 105
363 378
364 250
365 455
366 164
367 324
368 101
369 447
370 367
371 377
372 179
373 111
374 18
375 102
376 453
377 122
378 357
379 14
380 455
381 191
382 447
383 170
384 178
385 130
386 130
387 112
388 412
389 111
390 391
391 39
392 346
393 337
394 114
395 74
396 3
397 481
398 384
399 405
400 405

```

## TC2

```

120 # Req1. Imprimir todos los resultados en una pantalla
121 print(resultado_final)
122
123 # Req2. Los resultados generados se almacenan en un archivo llamado StatisticsResults.
124 with open("StatisticsResults.txt", "w", encoding='utf-8') as out_file:
125     out_file.write(resultado_final)
126
127
128 if __name__ == "__main__":
129     main()

```

Overwriting computeStatistics.py

```

1 !pip install pylint -q
2 !pylint computeStatistics.py

```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

```

1 !python computeStatistics.py fileWithData.txt

```

Resultado de las estadísticas

Media: 250.78402  
Mediana: 247.00000  
Moda: [230.0]  
Desviacion Estandar: 144.20779  
Varianza: 20795.88804  
Tiempo de ejecucion: 0.001112 segundos

```

1 !cat StatisticsResults.txt

```

Resultado de las estadísticas

Media: 250.78402  
Mediana: 247.00000  
Moda: [230.0]  
Desviacion Estandar: 144.20779  
Varianza: 20795.88804  
Tiempo de ejecucion: 0.001112 segundos

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fileWithData.txt

```

1931 346
1932 386
1933 371
1934 480
1935 184
1936 417
1937 175
1938 263
1939 127
1940 42
1941 247
1942 228
1943 237
1944 10
1945 61
1946 106
1947 126
1948 500
1949 164
1950 437
1951 487
1952 480
1953 230
1954 164
1955 403
1956 219
1957 148
1958 451
1959 474
1960 137
1961 274
1962 174
1963 453
1964 362
1965 249
1966 380
1967 392
1968 200
1969 305
1970 330
1971 201
1972 101
1973 248
1974 498
1975 211
1976 132
1977 127

```

## TC3

[67]

✓ Os

```
121 # Requer: imprimir todos los resultados en una pantalla
122 print(resultado_final)
123
124 # Req2. Los resultados generados se almacenan en un archivo llamado StatisticsResults.
125 with open("StatisticsResults.txt", "w", encoding='utf-8') as out_file:
126     out_file.write(resultado_final)
127
128 if __name__ == "__main__":
129     main()
```

Overwriting computeStatistics.py

[68]

✓ 3s

```
1 !pip install pylint -q
2 !pylint computeStatistics.py
```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

[73]

✓ Os

```
1 !python computeStatistics.py fileWithData.txt
```

Resultado de las estadísticas

Media: 249.77622  
Mediana: 249.00000  
Moda: [94.0]  
Desviacion Estandar: 145.32361  
Varianza: 21118.95039  
Tiempo de ejecucion: 0.006417 segundos

[74]

✓ Os

```
1 !cat StatisticsResults.txt
```

... Resultado de las estadísticas

Media: 249.77622  
Mediana: 249.00000  
Moda: [94.0]  
Desviacion Estandar: 145.32361  
Varianza: 21118.95039  
Tiempo de ejecucion: 0.006417 segundos

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What can I help you build?

+

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fileWithData.txt

12578 465  
12579 170  
12580 88  
12581 263  
12582 281  
12583 474  
12584 27  
12585 402  
12586 221  
12587 420  
12588 310  
12589 344  
12590 46  
12591 361  
12592 256  
12593 287  
12594 390  
12595 113  
12596 466  
12597 218  
12598 303  
12599 151  
12600 220  
12601 170  
12602 429  
12603 190  
12604 50  
12605 498  
12606 218  
12607 228  
12608 44  
12609 459  
12610 101  
12611 194  
12612 375  
12613 146  
12614 70  
12615 479  
12616 151  
12617 403  
12618 110  
12619 310  
12620 271  
12621 488  
12622 33  
12623 1  
12624 322

TC4

[67]

✓ Os

```
121 # Requer: imprimir todos los resultados en una pantalla
122 print(resultado_final)
123
124 # Req2. Los resultados generados se almacenan en un archivo llamado StatisticsResults.
125 with open("StatisticsResults.txt", "w", encoding='utf-8') as out_file:
126     out_file.write(resultado_final)
127
128 if __name__ == "__main__":
129     main()
```

Overwriting computeStatistics.py

[68]

✓ 3s

```
1 !pip install pylint -q
2 !pylint computeStatistics.py
```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

[75]

✓ Os

```
1 !python computeStatistics.py fileWithData.txt
```

Resultado de las estadísticas

Media: 149.00267  
Mediana: 147.75000  
Moda: [123.75]  
Desviacion Estandar: 130.41959  
Varianza: 17009.26822  
Tiempo de ejecucion: 0.006868 segundos

[76]

✓ Os

```
1 !cat StatisticsResults.txt
```

... Resultado de las estadísticas

Media: 149.00267  
Mediana: 147.75000  
Moda: [123.75]  
Desviacion Estandar: 130.41959  
Varianza: 17009.26822  
Tiempo de ejecucion: 0.006868 segundos

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What can I help you build?

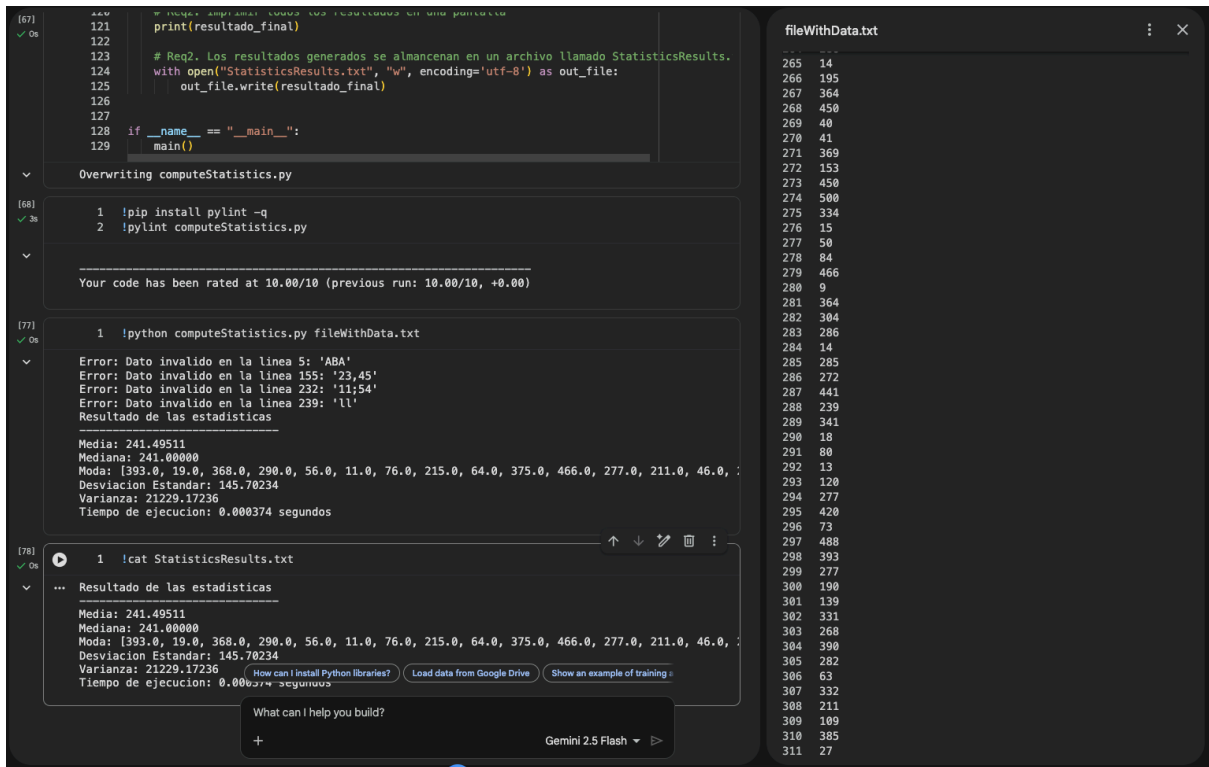
+

Gemini 2.5 Flash ▾ ▶

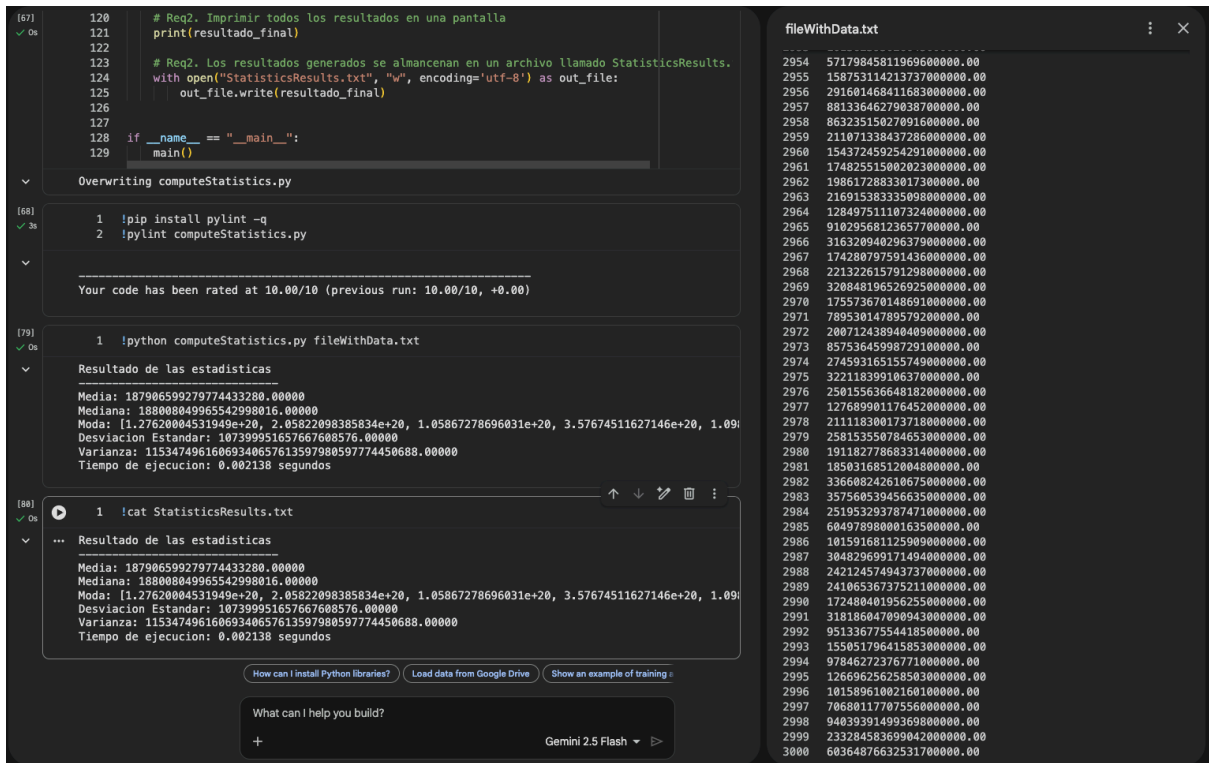
fileWithData.txt

12578 108  
12579 27.75  
12580 204  
12581 178.5  
12582 140.25  
12583 82.5  
12584 353.25  
12585 371.25  
12586 116.25  
12587 192  
12588 149.25  
12589 -54  
12590 6.75  
12591 332.25  
12592 220.5  
12593 366  
12594 24  
12595 45  
12596 288.75  
12597 -5.25  
12598 96  
12599 -10.5  
12600 182.25  
12601 -63.75  
12602 21.75  
12603 344.25  
12604 264  
12605 -63.75  
12606 274.5  
12607 -70.5  
12608 315.75  
12609 104.5  
12610 354.75  
12611 -73.5  
12612 233.25  
12613 76.5  
12614 108.75  
12615 102  
12616 103.5  
12617 -42.75  
12618 17.25  
12619 304.5  
12620 348  
12621 290.25  
12622 306  
12623 135  
12624 156.75

TC5



TC6



TC7

```

FileWithData.txt
12723 4065431218816380000000.00
12724 49331986655446100000.00
12725 1999764981476633000000.00
12726 3280334815645800000000.00
12727 4878972513492560000000.00
12728 2301220911814120000000.00
12729 187834272287061000000.00
12730 3694427636103380000000.00
12731 1941061712989900000000.00
12732 14335665127383000000.00
12733 246222515386869000000.00
12734 468589364143432000000.00
12735 261595587010023800000.00
12736 425467453817333000000.00
12737 202317770020134000000.00
12738 54006686500637000000.00
12739 83399636284988700000.00
12740 318473279630148000000.00
12741 13269594930871000000.00
12742 188837862863549000000.00
12743 19343230757300200000.00
12744 39636698660059500000.00
12745 56889805827374600000.00
12746 225107368188427000000.00
12747 28938478206669000000.00
12748 334118029258216000000.00
12749 469835478413358000000.00
12750 303370390028571000000.00
12751 272601314808017000000.00
12752 327216885860007000000.00
12753 45511236415877000000.00
12754 34021006190070000000.00
12755 284113629801274000000.00
12756 273646426738377000000.00
12757 357188910852795000000.00
12758 64442556492856700000.00
12759 400574594293759000000.00
12760 121882418543619000000.00
12761 433608414768261000000.00
12762 332958154146892000000.00
12763 158837971329400000000.00
12764 89258762332087100000.00
12765 301751684823599000000.00
12766 133883376130804000000.00
12767 283758092261420000000.00
12768 25205504246477200000.00
12769 322398125047205000000.00

```