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1 C:\Users\HP\AppData\Local\Programs\Python\Python36\python.
  exe "C:/Users/HP/Downloads/UTB/2018-II/Inteligencia
  Artificial/Proyecto Final/app/app.py"
2 Numero de clusters optimo: 2
3 C:/Users/HP/Downloads/UTB/2018-II/Inteligencia Artificial/
  Proyecto Final/app/app.py:27: FutureWarning: `rcond`
  parameter will change to the default of machine precision
  times ``max(M, N)`` where M and N are the input matrix
  dimensions.
4 To use the future default and silence this warning we advise
  to pass `rcond=None`, to keep using the old, explicitly
  pass `rcond=-1`.
5 m, c = np.linalg.lstsq(A, y_coords)[0]
6
7 #####
8 #####          Regresion Logistica          #####
9 #####
10
11
12
13         Lineal Model
14
15 [0.03410168665528504, 0.24908892771562155, -0.
  26678985926750376]
16 Error: 0.1432323563651696
17 #####
18 #####
19         CONFUSION MATRIX
20             Negative      Positive
21 Negative      20           0
22 Positive      3           22
23 #####
24 #####
25 Precision: 1.0
26 Recall: 0.88
27 f_score: 0.9361702127659575
28
29
30
31         Poly Model
32
33 [0.07396019884359308, 0.18288328531969725, 0.

```

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33 11083300253253117, 0.2920539906061656, -0.24932074082030295]
34 Error: 0.05858682521044482
35 #####
36 #####
37         CONFUSION MATRIX
38             Negative      Positive
39 Negative      19          1
40 Positive       0          25
41 #####
42 #####
43 Precision: 0.9615384615384616
44 Recall: 1.0
45 f_score: 0.9803921568627451
46
47 Process finished with exit code 0
48
```