

```

In [1]: 1 import matplotlib.pyplot as plt
2 age=[4,7,15,25,28,36,55,45,88,75,43,56,89,98,55,54,65,77,88,81,82,89,92,98,65,76,76,72,84]
3 intervals=[-10,0,10,20,30,40,50,60,70,80,90,100,110]
4 y,edges,_=plt.hist(age,bins=intervals,edgecolor='k')
5 xlabel="Frequency"
6 ylabel="AGE"
7 print("Y=",y)
8 print("edges=",edges[1:],edges[:-1])
9 print("midpoints",0.5*(edges[1:]+edges[:-1]))
10 midpoints=0.5*(edges[1:]+edges[:-1])
11 plt.plot(midpoints,y, 'r*- ')

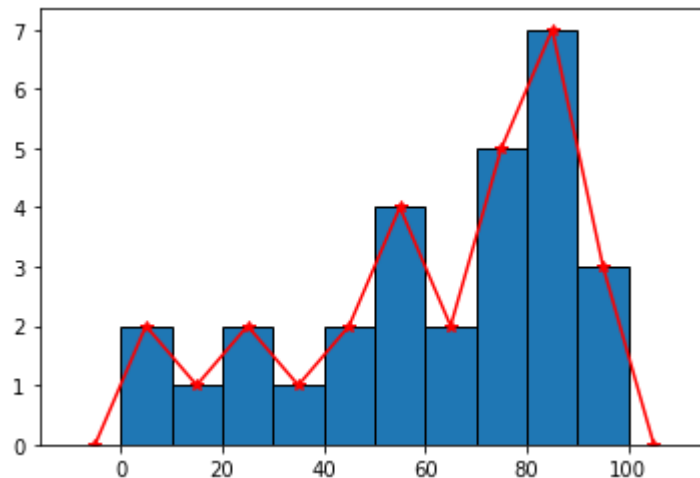
```

Y= [0. 2. 1. 2. 1. 2. 4. 2. 5. 7. 3. 0.]

edges= [ 0 10 20 30 40 50 60 70 80 90 100 110] [-10 0 10 20 30 40 50 60 70 80 90 100]

midpoints [ -5. 5. 15. 25. 35. 45. 55. 65. 75. 85. 95. 105.]

Out[1]: [<matplotlib.lines.Line2D at 0x1ff30d37880>]



In [ ]:

1

