

```
In [9]: #Import numpy
import numpy as np

#Seasons
Seasons = ["2015", "2016", "2017", "2018", "2019", "2020", "2021", "2022", "2023", "2024"]
Sdict = {"2015":0,"2016":1,"2017":2,"2018":3,"2019":4,"2020":5,"2021":6,"2022":7,"2023":8,"2024":9}

#Players
Players = ["Sachin", "Rahul", "Smith", "Sami", "Pollard", "Morris", "Samson", "Dhoni", "Kohli", "Sky"]
Pdict = {"Sachin":0,"Rahul":1,"Smith":2,"Sami":3,"Pollard":4,"Morris":5,"Samson":6,"Dhoni":7,"Kohli":8,"Sky":9}

#Salaries
Sachin_Salary = [15946875, 17718750, 19490625, 21262500, 23034375, 24806250, 25244493, 27810000, 30518000, 34218000, 380160, 4171200, 4484040, 4796880, 6053663, 15000000, 15506632, 16669630, 17832627, 18990000, 20500000, 22500000, 24500000, 26500000, 28500000, 30500000, 32500000, 34500000, 36500000, 38500000]
Rahul_Salary = [12000000, 12744189, 13488377, 14232567, 14976754, 16324500, 18038573, 19750000, 21500000, 23250000, 25000000, 26750000, 28500000, 30250000, 32000000, 33750000, 35500000, 37250000]
Smith_Salary = [4621800, 5828090, 13041250, 14410581, 15779912, 14500000, 16022500, 17545000, 19000000, 20500000, 22000000, 23500000, 25000000, 26500000, 28000000, 29500000, 31000000, 32500000]
Sami_Salary = [3713640, 4694041, 13041250, 14410581, 15779912, 17149243, 18518574, 19450000, 20300000, 21150000, 22000000, 22850000, 23700000, 24550000, 25400000, 26250000, 27100000, 27950000]
Pollard_Salary = [4493160, 4806720, 6061274, 13758000, 15202590, 16647180, 18091770, 19536000, 21000000, 22500000, 24000000, 25500000, 27000000, 28500000, 30000000, 31500000, 33000000, 34500000]
Morris_Salary = [3348000, 4235220, 12455000, 14410581, 15779912, 14500000, 16022500, 17545000, 19000000, 20500000, 22000000, 23500000, 25000000, 26500000, 28000000, 29500000, 31000000, 32500000]
Samson_Salary = [3144240, 3380160, 3615960, 4574189, 13520500, 14940153, 16359805, 17779450, 19200000, 20700000, 22200000, 23700000, 25200000, 26700000, 28200000, 29700000, 31200000, 32700000]
Dhoni_Salary = [0, 0, 4171200, 4484040, 4796880, 6053663, 15506632, 16669630, 17832627, 18990000, 20500000, 22000000, 23500000, 25000000, 26500000, 28000000, 29500000, 31000000, 32500000, 34000000]
Kohli_Salary = [0, 0, 0, 4822800, 5184480, 5546160, 6993708, 16402500, 17632688, 18862875]
Sky_Salary = [3031920, 3841443, 13041250, 14410581, 15779912, 14200000, 15691000, 17182000]

#Matrix
Salary = np.array([Sachin_Salary, Rahul_Salary, Smith_Salary, Sami_Salary, Pollard_Salary, Morris_Salary, Samson_Salary, Dhoni_Salary, Kohli_Salary, Sky_Salary])

#Games
Sachin_G = [80, 77, 82, 82, 73, 82, 58, 78, 6, 35]
Rahul_G = [82, 57, 82, 79, 76, 72, 60, 72, 79, 80]
Smith_G = [79, 78, 75, 81, 76, 79, 62, 76, 77, 69]
Sami_G = [80, 65, 77, 66, 69, 77, 55, 67, 77, 40]
Pollard_G = [82, 82, 82, 79, 82, 78, 54, 76, 71, 41]
Morris_G = [70, 69, 67, 77, 70, 77, 57, 74, 79, 44]
Samson_G = [78, 64, 80, 78, 45, 80, 60, 70, 62, 82]
Dhoni_G = [35, 35, 80, 74, 82, 78, 66, 81, 81, 27]
Kohli_G = [40, 40, 40, 81, 78, 81, 39, 0, 10, 51]
Sky_G = [75, 51, 51, 79, 77, 76, 49, 69, 54, 62]

#Matrix
Games = np.array([Sachin_G, Rahul_G, Smith_G, Sami_G, Pollard_G, Morris_G, Samson_G, Dhoni_G, Kohli_G, Sky_G])

#Points
Sachin PTS = [2832, 2430, 2323, 2201, 1970, 2078, 1616, 2133, 83, 782]
Rahul PTS = [1653, 1426, 1779, 1688, 1619, 1312, 1129, 1170, 1245, 1154]
Smith PTS = [2478, 2132, 2250, 2304, 2258, 2111, 1683, 2036, 2089, 1743]
Sami PTS = [2122, 1881, 1978, 1504, 1943, 1970, 1245, 1920, 2112, 966]
Pollard PTS = [1292, 1443, 1695, 1624, 1503, 1784, 1113, 1296, 1297, 646]
Morris PTS = [1572, 1561, 1496, 1746, 1678, 1438, 1025, 1232, 1281, 928]
Samson PTS = [1258, 1104, 1684, 1781, 841, 1268, 1189, 1186, 1185, 1564]
Dhoni PTS = [903, 903, 1624, 1871, 2472, 2161, 1850, 2280, 2593, 686]
Kohli PTS = [597, 597, 597, 1361, 1619, 2026, 852, 0, 159, 904]
Sky PTS = [2040, 1397, 1254, 2386, 2045, 1941, 1082, 1463, 1028, 1331]

#Matrix
Points = np.array([Sachin PTS, Rahul PTS, Smith PTS, Sami PTS, Pollard PTS, Morris PTS, Samson PTS, Dhoni PTS, Kohli PTS, Sky PTS])
```

In [11]: Salary

```
Out[11]: array([[15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
   25244493, 27849149, 30453805, 23500000],
   [12000000, 12744189, 13488377, 14232567, 14976754, 16324500,
   18038573, 19752645, 21466718, 23180790],
   [ 4621800, 5828090, 13041250, 14410581, 15779912, 14500000,
   16022500, 17545000, 19067500, 20644400],
   [ 3713640, 4694041, 13041250, 14410581, 15779912, 17149243,
   18518574, 19450000, 22407474, 22458000],
   [ 4493160, 4806720, 6061274, 13758000, 15202590, 16647180,
   18091770, 19536360, 20513178, 21436271],
   [ 3348000, 4235220, 12455000, 14410581, 15779912, 14500000,
   16022500, 17545000, 19067500, 20644400],
   [ 3144240, 3380160, 3615960, 4574189, 13520500, 14940153,
   16359805, 17779458, 18668431, 20068563],
   [ 0, 0, 4171200, 4484040, 4796880, 6053663,
   15506632, 16669630, 17832627, 18995624],
   [ 0, 0, 0, 4822800, 5184480, 5546160,
   6993708, 16402500, 17632688, 18862875],
   [ 3031920, 3841443, 13041250, 14410581, 15779912, 14200000,
   15691000, 17182000, 18673000, 15000000]])
```

In [13]: Games

```
Out[13]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],
   [82, 57, 82, 79, 76, 72, 60, 72, 79, 80],
   [79, 78, 75, 81, 76, 79, 62, 76, 77, 69],
   [80, 65, 77, 66, 69, 77, 55, 67, 77, 40],
   [82, 82, 82, 79, 82, 78, 54, 76, 71, 41],
   [70, 69, 67, 77, 70, 77, 57, 74, 79, 44],
   [78, 64, 80, 78, 45, 80, 60, 70, 62, 82],
   [35, 35, 80, 74, 82, 78, 66, 81, 81, 27],
   [40, 40, 40, 81, 78, 81, 39, 0, 10, 51],
   [75, 51, 51, 79, 77, 76, 49, 69, 54, 62]])
```

In [7]: Points

```
Out[7]: array([[2832, 2430, 2323, 2201, 1970, 2078, 1616, 2133, 83, 782],
   [1653, 1426, 1779, 1688, 1619, 1312, 1129, 1170, 1245, 1154],
   [2478, 2132, 2250, 2304, 2258, 2111, 1683, 2036, 2089, 1743],
   [2122, 1881, 1978, 1504, 1943, 1970, 1245, 1920, 2112, 966],
   [1292, 1443, 1695, 1624, 1503, 1784, 1113, 1296, 1297, 646],
   [1572, 1561, 1496, 1746, 1678, 1438, 1025, 1232, 1281, 928],
   [1258, 1104, 1684, 1781, 841, 1268, 1189, 1186, 1185, 1564],
   [ 903, 903, 1624, 1871, 2472, 2161, 1850, 2280, 2593, 686],
   [ 597, 597, 597, 1361, 1619, 2026, 852, 0, 159, 904],
   [2040, 1397, 1254, 2386, 2045, 1941, 1082, 1463, 1028, 1331]])
```

In [9]: Games

```
Out[9]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],  
   [82, 57, 82, 79, 76, 72, 60, 72, 79, 80],  
   [79, 78, 75, 81, 76, 79, 62, 76, 77, 69],  
   [80, 65, 77, 66, 69, 77, 55, 67, 77, 40],  
   [82, 82, 82, 79, 82, 78, 54, 76, 71, 41],  
   [70, 69, 67, 77, 70, 77, 57, 74, 79, 44],  
   [78, 64, 80, 78, 45, 80, 60, 70, 62, 82],  
   [35, 35, 80, 74, 82, 78, 66, 81, 81, 27],  
   [40, 40, 40, 81, 78, 81, 39, 0, 10, 51],  
   [75, 51, 51, 79, 77, 76, 49, 69, 54, 62]])
```

```
In [11]: Games[5]
```

```
Out[11]: array([70, 69, 67, 77, 70, 77, 57, 74, 79, 44])
```

```
In [13]: Games[0:5]
```

```
Out[13]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],  
   [82, 57, 82, 79, 76, 72, 60, 72, 79, 80],  
   [79, 78, 75, 81, 76, 79, 62, 76, 77, 69],  
   [80, 65, 77, 66, 69, 77, 55, 67, 77, 40],  
   [82, 82, 82, 79, 82, 78, 54, 76, 71, 41]])
```

```
In [15]: Games[0,5]
```

```
Out[15]: 82
```

```
In [17]: Games[-3:-1]
```

```
Out[17]: array([[35, 35, 80, 74, 82, 78, 66, 81, 81, 27],  
   [40, 40, 40, 81, 78, 81, 39, 0, 10, 51]])
```

```
In [19]: Games[-3,-1]
```

```
Out[19]: 27
```

```
In [21]: Points
```

```
Out[21]: array([[2832, 2430, 2323, 2201, 1970, 2078, 1616, 2133, 83, 782],  
   [1653, 1426, 1779, 1688, 1619, 1312, 1129, 1170, 1245, 1154],  
   [2478, 2132, 2250, 2304, 2258, 2111, 1683, 2036, 2089, 1743],  
   [2122, 1881, 1978, 1504, 1943, 1970, 1245, 1920, 2112, 966],  
   [1292, 1443, 1695, 1624, 1503, 1784, 1113, 1296, 1297, 646],  
   [1572, 1561, 1496, 1746, 1678, 1438, 1025, 1232, 1281, 928],  
   [1258, 1104, 1684, 1781, 841, 1268, 1189, 1186, 1185, 1564],  
   [903, 903, 1624, 1871, 2472, 2161, 1850, 2280, 2593, 686],  
   [597, 597, 597, 1361, 1619, 2026, 852, 0, 159, 904],  
   [2040, 1397, 1254, 2386, 2045, 1941, 1082, 1463, 1028, 1331]])
```

```
In [23]: Points[:]
```

```
Out[23]: array([[2832, 2430, 2323, 2201, 1970, 2078, 1616, 2133, 83, 782],  
                [1653, 1426, 1779, 1688, 1619, 1312, 1129, 1170, 1245, 1154],  
                [2478, 2132, 2250, 2304, 2258, 2111, 1683, 2036, 2089, 1743],  
                [2122, 1881, 1978, 1504, 1943, 1970, 1245, 1920, 2112, 966],  
                [1292, 1443, 1695, 1624, 1503, 1784, 1113, 1296, 1297, 646],  
                [1572, 1561, 1496, 1746, 1678, 1438, 1025, 1232, 1281, 928],  
                [1258, 1104, 1684, 1781, 841, 1268, 1189, 1186, 1185, 1564],  
                [903, 903, 1624, 1871, 2472, 2161, 1850, 2280, 2593, 686],  
                [597, 597, 597, 1361, 1619, 2026, 852, 0, 159, 904],  
                [2040, 1397, 1254, 2386, 2045, 1941, 1082, 1463, 1028, 1331]])
```

```
In [25]: Pdict
```

```
Out[25]: {'Sachin': 0,  
          'Rahul': 1,  
          'Smith': 2,  
          'Sami': 3,  
          'Pollard': 4,  
          'Morris': 5,  
          'Samson': 6,  
          'Dhoni': 7,  
          'Kohli': 8,  
          'Sky': 9}
```

```
In [27]: Games
```

```
Out[27]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],  
                [82, 57, 82, 79, 76, 72, 60, 72, 79, 80],  
                [79, 78, 75, 81, 76, 79, 62, 76, 77, 69],  
                [80, 65, 77, 66, 69, 77, 55, 67, 77, 40],  
                [82, 82, 82, 79, 82, 78, 54, 76, 71, 41],  
                [70, 69, 67, 77, 70, 77, 57, 74, 79, 44],  
                [78, 64, 80, 78, 45, 80, 60, 70, 62, 82],  
                [35, 35, 80, 74, 82, 78, 66, 81, 81, 27],  
                [40, 40, 40, 81, 78, 81, 39, 0, 10, 51],  
                [75, 51, 51, 79, 77, 76, 49, 69, 54, 62]])
```

```
In [29]: Pdict['Sachin']
```

```
Out[29]: 0
```

```
In [31]: Pdict['Rahul']
```

```
Out[31]: 1
```

```
In [33]: Games[1]
```

```
Out[33]: array([82, 57, 82, 79, 76, 72, 60, 72, 79, 80])
```

```
In [35]: Games[Pdict['Rahul']]
```

```
Out[35]: array([82, 57, 82, 79, 76, 72, 60, 72, 79, 80])
```

```
In [37]: Points
```

```
Out[37]: array([[2832, 2430, 2323, 2201, 1970, 2078, 1616, 2133, 83, 782],
 [1653, 1426, 1779, 1688, 1619, 1312, 1129, 1170, 1245, 1154],
 [2478, 2132, 2250, 2304, 2258, 2111, 1683, 2036, 2089, 1743],
 [2122, 1881, 1978, 1504, 1943, 1970, 1245, 1920, 2112, 966],
 [1292, 1443, 1695, 1624, 1503, 1784, 1113, 1296, 1297, 646],
 [1572, 1561, 1496, 1746, 1678, 1438, 1025, 1232, 1281, 928],
 [1258, 1104, 1684, 1781, 841, 1268, 1189, 1186, 1185, 1564],
 [ 903,  903, 1624, 1871, 2472, 2161, 1850, 2280, 2593, 686],
 [ 597,  597,  597, 1361, 1619, 2026,  852,    0, 159, 904],
 [2040, 1397, 1254, 2386, 2045, 1941, 1082, 1463, 1028, 1331]])
```

In [39]: Salary

```
Out[39]: array([[15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
 25244493, 27849149, 30453805, 23500000],
 [12000000, 12744189, 13488377, 14232567, 14976754, 16324500,
 18038573, 19752645, 21466718, 23180790],
 [ 4621800, 5828090, 13041250, 14410581, 15779912, 14500000,
 16022500, 17545000, 19067500, 20644400],
 [ 3713640, 4694041, 13041250, 14410581, 15779912, 17149243,
 18518574, 19450000, 22407474, 22458000],
 [ 4493160, 4806720, 6061274, 13758000, 15202590, 16647180,
 18091770, 19536360, 20513178, 21436271],
 [ 3348000, 4235220, 12455000, 14410581, 15779912, 14500000,
 16022500, 17545000, 19067500, 20644400],
 [ 3144240, 3380160, 3615960, 4574189, 13520500, 14940153,
 16359805, 17779458, 18668431, 20068563],
 [      0,      0, 4171200, 4484040, 4796880, 6053663,
 15506632, 16669630, 17832627, 18995624],
 [      0,      0,      0, 4822800, 5184480, 5546160,
 6993708, 16402500, 17632688, 18862875],
 [ 3031920, 3841443, 13041250, 14410581, 15779912, 14200000,
 15691000, 17182000, 18673000, 15000000]])
```

In [41]: Games

```
Out[41]: array([[ 80,  77,  82,  82,  73,  82,  58,  78,   6,  35],
 [ 82,  57,  82,  79,  76,  72,  60,  72,  79,  80],
 [ 79,  78,  75,  81,  76,  79,  62,  76,  77,  69],
 [ 80,  65,  77,  66,  69,  77,  55,  67,  77,  40],
 [ 82,  82,  82,  79,  82,  78,  54,  76,  71,  41],
 [ 70,  69,  67,  77,  70,  77,  57,  74,  79,  44],
 [ 78,  64,  80,  78,  45,  80,  60,  70,  62,  82],
 [ 35,  35,  80,  74,  82,  78,  66,  81,  81,  27],
 [ 40,  40,  40,  81,  78,  81,  39,   0,  10,  51],
 [ 75,  51,  51,  79,  77,  76,  49,  69,  54,  62]])
```

In [43]: Salary/Games

```
C:\Users\phani\AppData\Local\Temp\ipykernel_33632\3709746658.py:1: RuntimeWarning: divide by zero encountered in divide
Salary/Games
```

```
Out[43]: array([[ 199335.9375 ,  230113.63636364,  237690.54878049,
   259298.7804878 ,  315539.38356164,  302515.24390244,
   435249.87931034,  357040.37179487,  5075634.16666667,
   671428.57142857],
 [ 146341.46341463,  223582.26315789,  164492.40243902,
  180159.07594937,  197062.55263158,  226729.16666667,
  300642.88333333,  274342.29166667,  271730.60759494,
  289759.875     ],
 [ 58503.79746835,  74719.1025641 ,  173883.33333333,
  177908.40740741,  207630.42105263,  183544.30379747,
  258427.41935484,  230855.26315789,  247629.87012987,
  299194.20289855],
 [ 46420.5       ,  72216.01538462,  169366.88311688,
  218342.13636364,  228694.37681159,  222717.44155844,
  336701.34545455,  290298.50746269,  291006.15584416,
  561450.      ],
 [ 54794.63414634,  58618.53658537,  73917.97560976,
  174151.89873418,  185397.43902439,  213425.38461538,
  335032.77777778,  257057.36842105,  288918.      ,
  522835.87804878],
 [ 47828.57142857,  61380.        ,  185895.52238806,
  187150.4025974 ,  225427.31428571,  188311.68831169,
  281096.49122807,  237094.59459459,  241360.75949367,
  469190.90909091],
 [ 40310.76923077,  52815.        ,  45199.5       ,
  58643.44871795,  300455.55555556,  186751.9125       ,
  272663.41666667,  253992.25714286,  301103.72580645,
  244738.57317073],
 [ 0.        ,  0.        ,  52140.        ,
  60595.13513514,  58498.53658537,  77611.06410256,
  234948.96969697,  205797.90123457,  220155.88888889,
  703541.62962963],
 [ 0.        ,  0.        ,  0.        ,
  59540.74074074,  66467.69230769,  68471.11111111,
  179325.84615385,  inf,  1763268.8       ,
  369860.29411765],
 [ 40425.6       ,  75322.41176471,  255710.78431373,
  182412.41772152,  204933.92207792,  186842.10526316,
  320224.48979592,  249014.49275362,  345796.2962963 ,
  241935.48387097]])
```

In [45]: np.round(Salary/Games)

```
C:\Users\phani\AppData\Local\Temp\ipykernel_33632\3232172828.py:1: RuntimeWarning: divide by zero encountered in divide
np.round(Salary/Games)
```

```
Out[45]: array([[ 199336.,  230114.,  237691.,  259299.,  315539.,  302515.,
   435250.,  357040.,  5075634.,  671429.],
   [ 146341.,  223582.,  164492.,  180159.,  197063.,  226729.,
   300643.,  274342.,  271731.,  289760.],
   [ 58504.,  74719.,  173883.,  177908.,  207630.,  183544.,
   258427.,  230855.,  247630.,  299194.],
   [ 46420.,  72216.,  169367.,  218342.,  228694.,  222717.,
   336701.,  290299.,  291006.,  561450.],
   [ 54795.,  58619.,  73918.,  174152.,  185397.,  213425.,
   335033.,  257057.,  288918.,  522836.],
   [ 47829.,  61380.,  185896.,  187150.,  225427.,  188312.,
   281096.,  237095.,  241361.,  469191.],
   [ 40311.,  52815.,  45200.,  58643.,  300456.,  186752.,
   272663.,  253992.,  301104.,  244739.],
   [ 0.,  0.,  52140.,  60595.,  58499.,  77611.,
   234949.,  205798.,  220156.,  703542.],
   [ 0.,  0.,  0.,  59541.,  66468.,  68471.,
   179326.,  inf,  1763269.,  369860.],
   [ 40426.,  75322.,  255711.,  182412.,  204934.,  186842.,
   320224.,  249014.,  345796.,  241935.]])
```

```
In [47]: import warnings
warnings.filterwarnings('ignore')
```

```
In [3]: import matplotlib.pyplot as plt
```

```
In [51]: %matplotlib inline
```

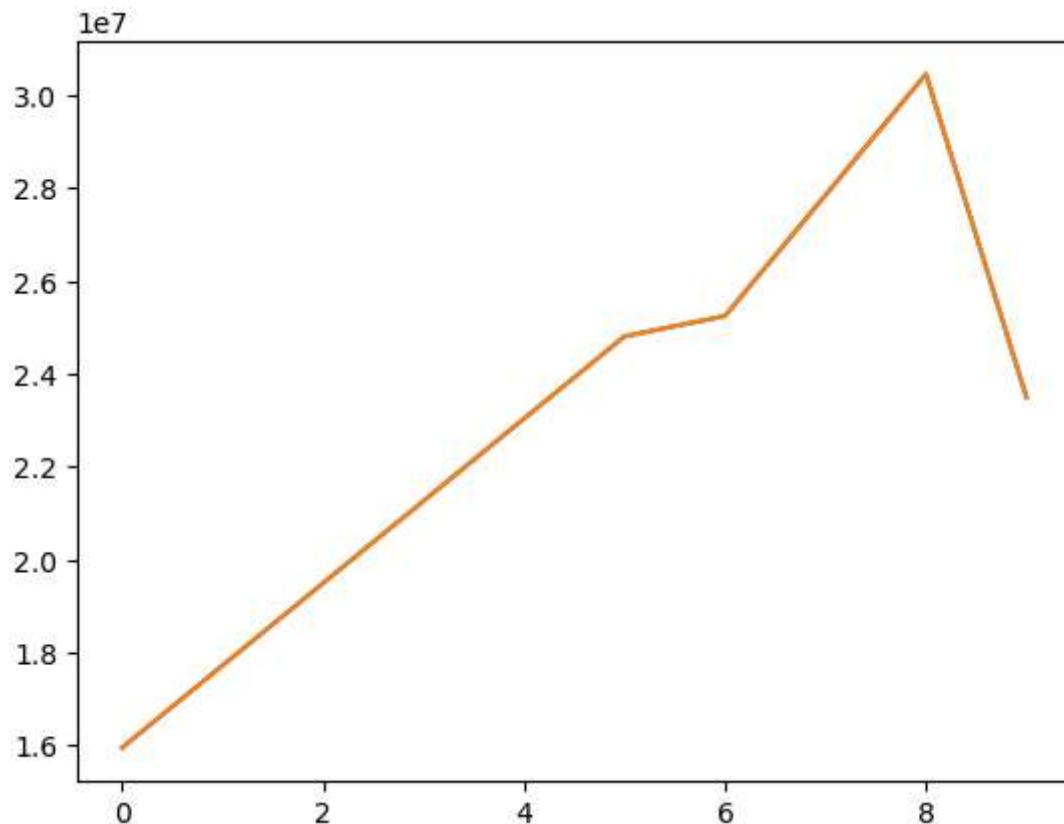
```
In [53]: Salary
```

```
Out[53]: array([[15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
   25244493, 27849149, 30453805, 23500000],
   [12000000, 12744189, 13488377, 14232567, 14976754, 16324500,
   18038573, 19752645, 21466718, 23180790],
   [4621800, 5828090, 13041250, 14410581, 15779912, 14500000,
   16022500, 17545000, 19067500, 20644400],
   [3713640, 4694041, 13041250, 14410581, 15779912, 17149243,
   18518574, 19450000, 22407474, 22458000],
   [4493160, 4806720, 6061274, 13758000, 15202590, 16647180,
   18091770, 19536360, 20513178, 21436271],
   [3348000, 4235220, 12455000, 14410581, 15779912, 14500000,
   16022500, 17545000, 19067500, 20644400],
   [3144240, 3380160, 3615960, 4574189, 13520500, 14940153,
   16359805, 17779458, 18668431, 20068563],
   [ 0,  0,  4171200,  4484040,  4796880,  6053663,
   15506632, 16669630, 17832627, 18995624],
   [ 0,  0,  0,  4822800,  5184480,  5546160,
   6993708, 16402500, 17632688, 18862875],
   [3031920, 3841443, 13041250, 14410581, 15779912, 14200000,
   15691000, 17182000, 18673000, 15000000]])
```

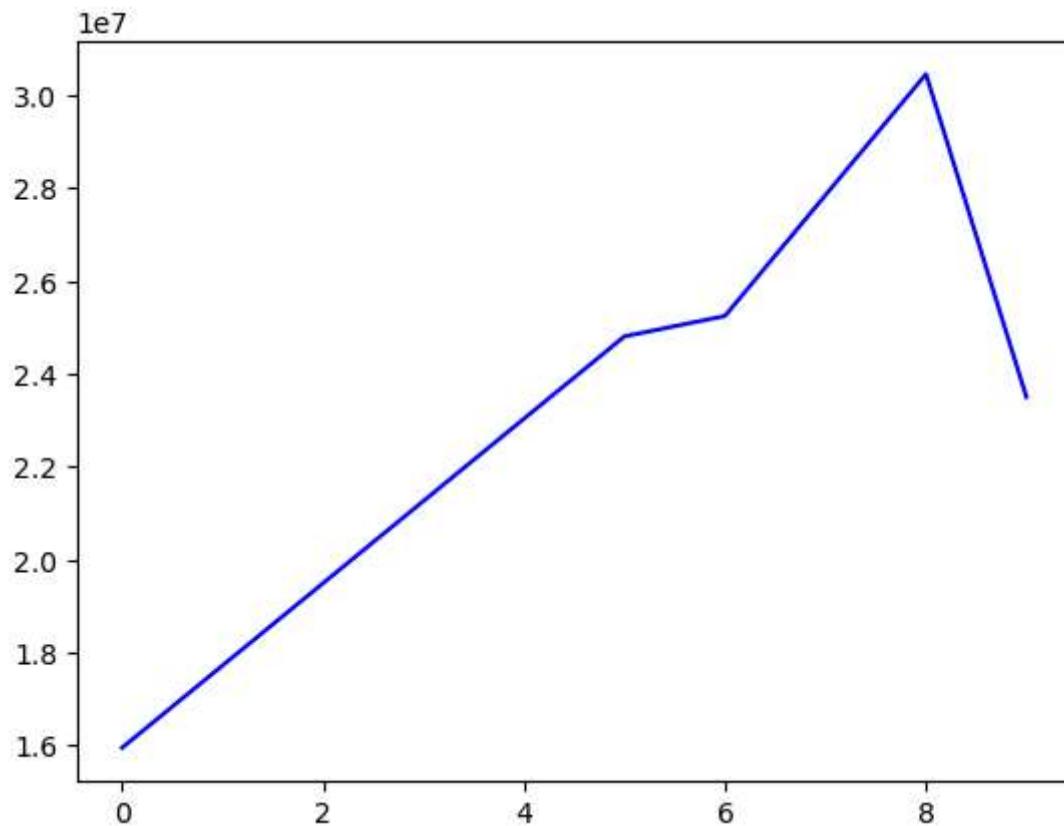
```
In [55]: Salary[0]
```

```
Out[55]: array([15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
   25244493, 27849149, 30453805, 23500000])
```

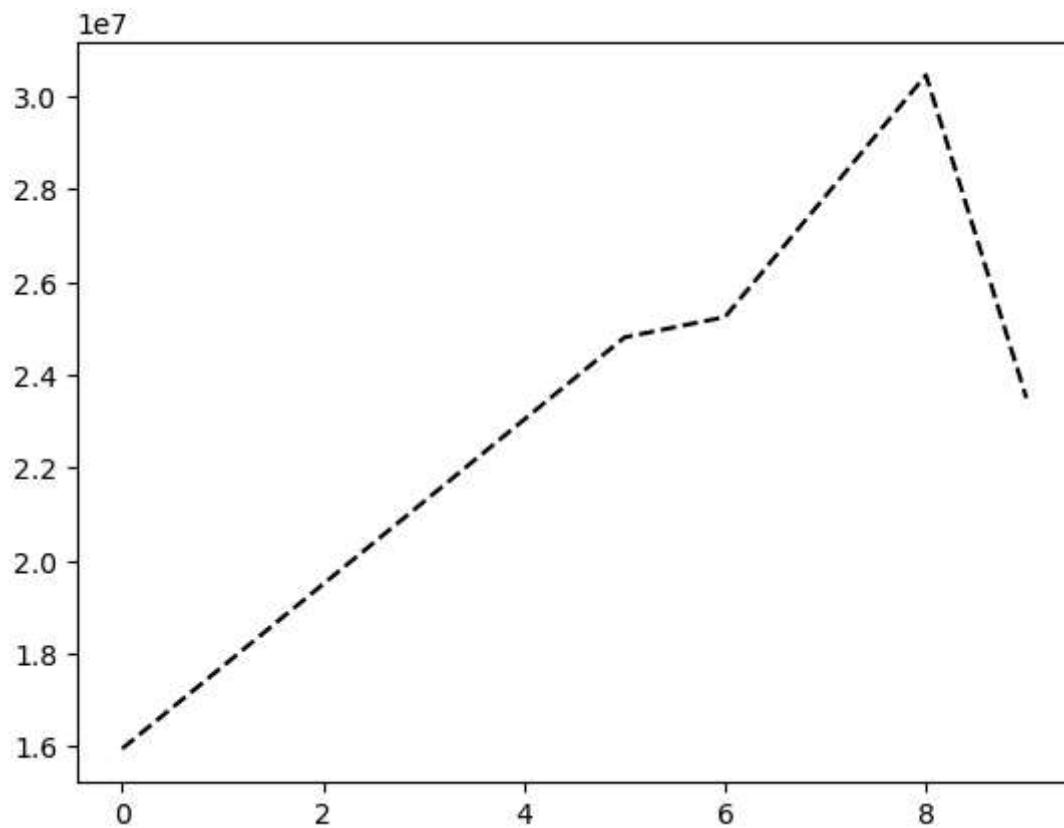
```
In [59]: plt.plot(Salary[0])
plt.show()
```



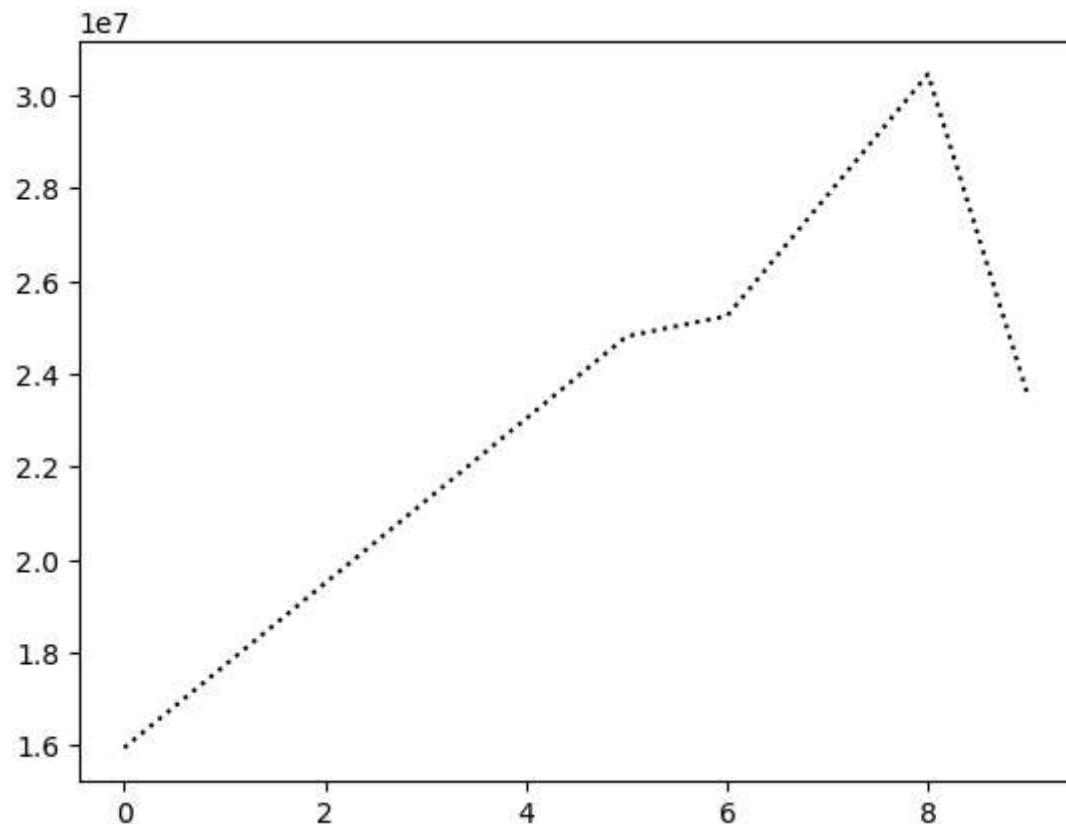
```
In [61]: plt.plot(Salary[0], c='blue')
plt.show()
```



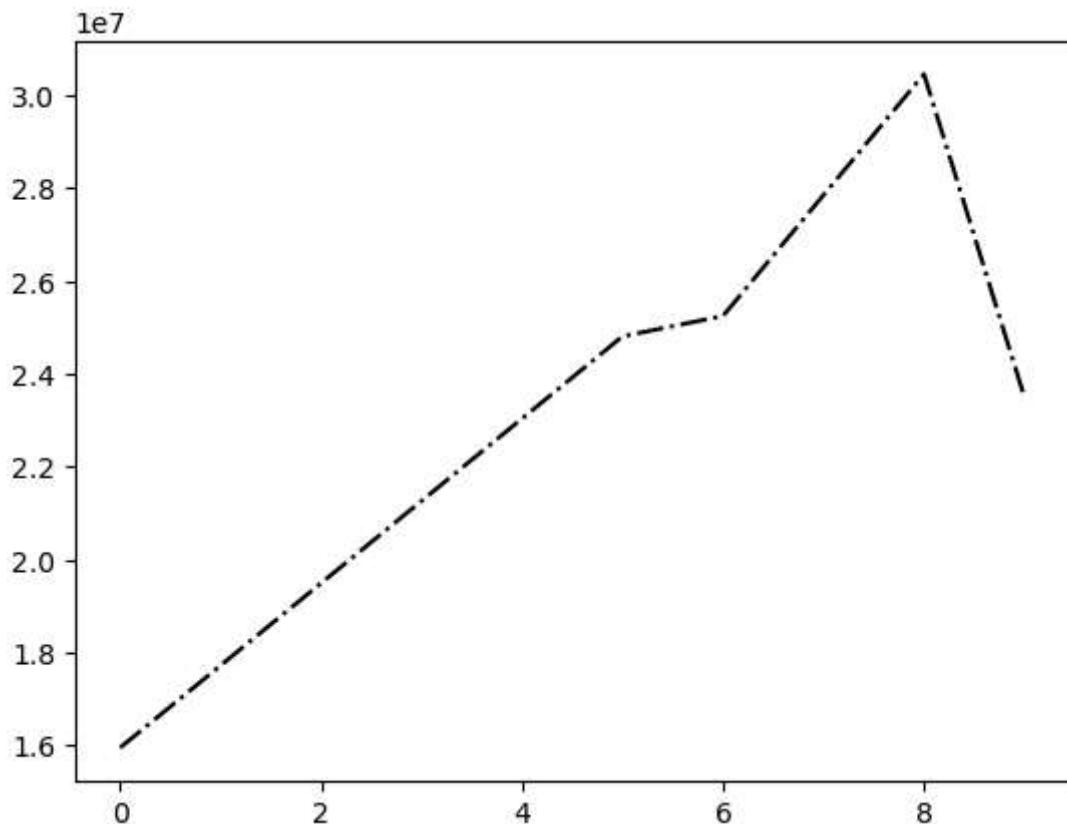
```
In [63]: plt.plot(Salary[0], c='k', ls='--')  
plt.show()
```



```
In [65]: plt.plot(Salary[0],c='k',ls=':')
```

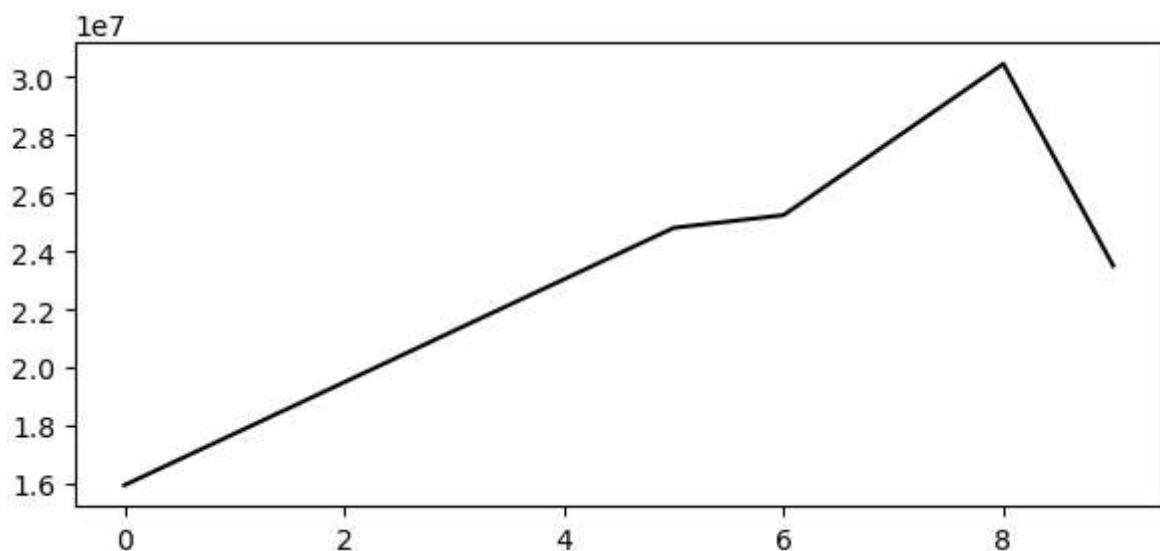


```
In [67]: plt.plot(Salary[0],c='k',ls='-.')
```

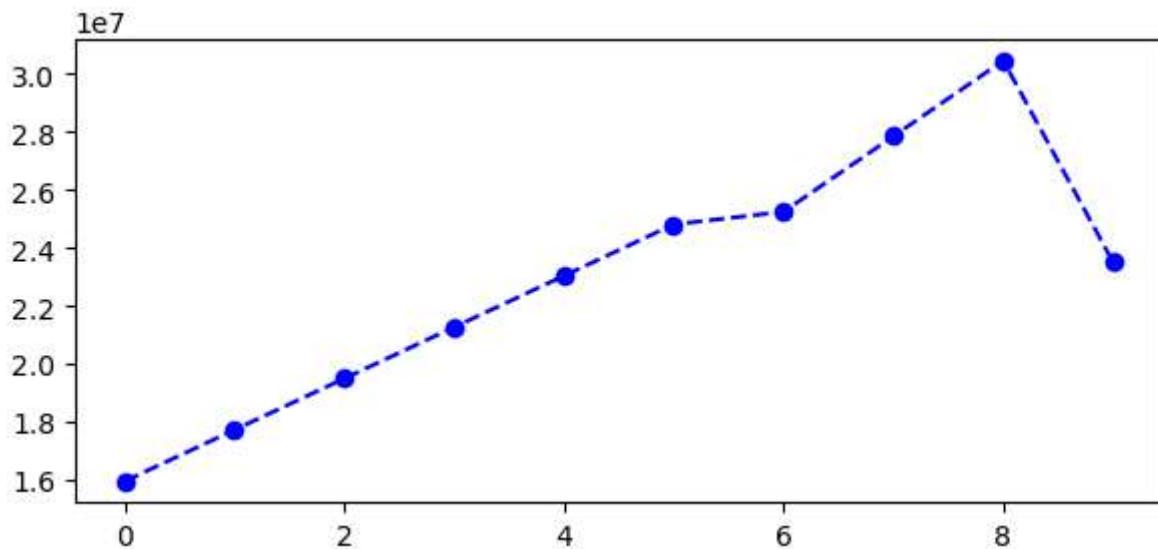


```
In [71]: %matplotlib inline  
plt.rcParams['figure.figsize']=7,3
```

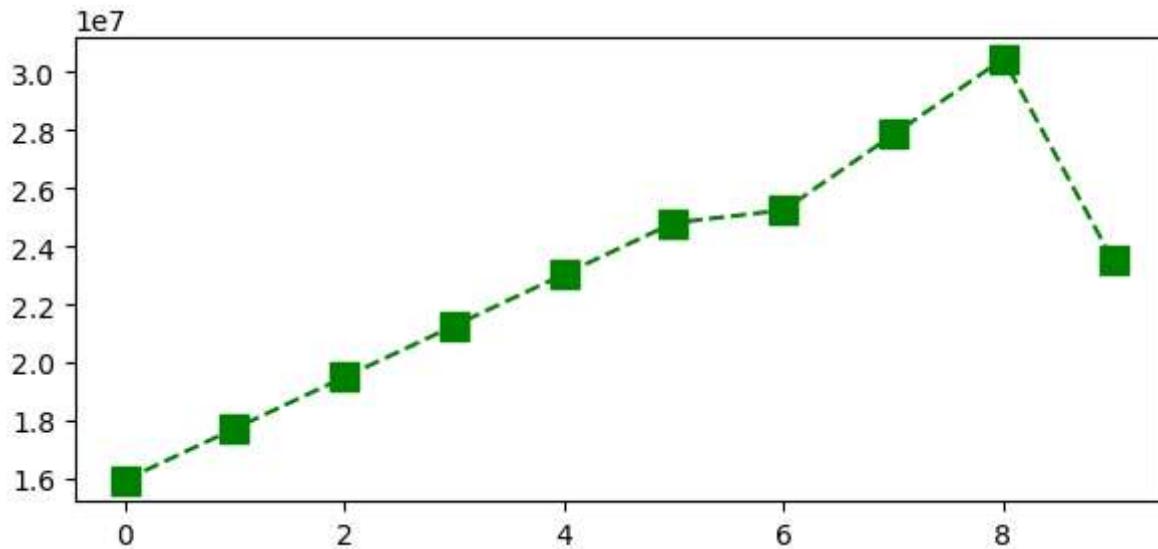
```
In [77]: plt.plot(Salary[0],c='k')  
plt.show()
```



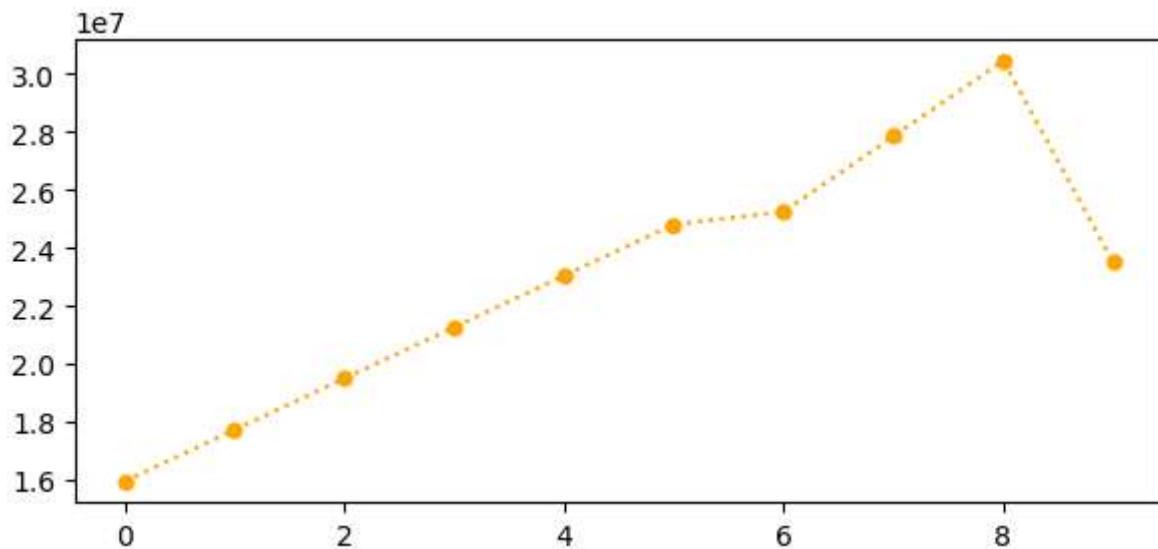
```
In [91]: plt.plot(Salary[0],c='blue',ls='--',marker="o")  
plt.show()
```



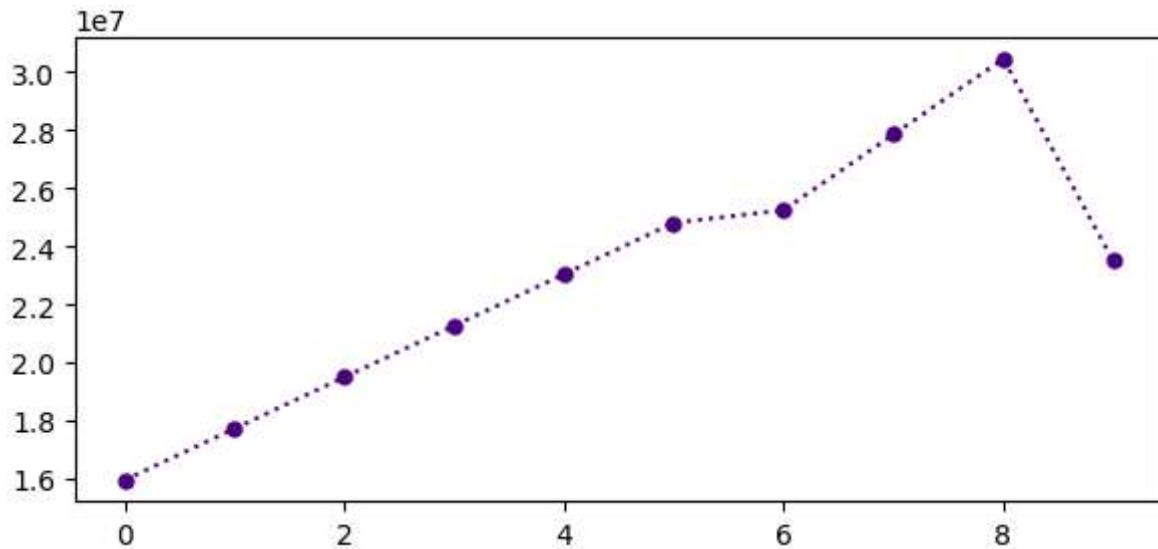
```
In [99]: plt.plot(Salary[0], c='Green', ls = '--', marker = 's', ms = 10)  
plt.show()
```



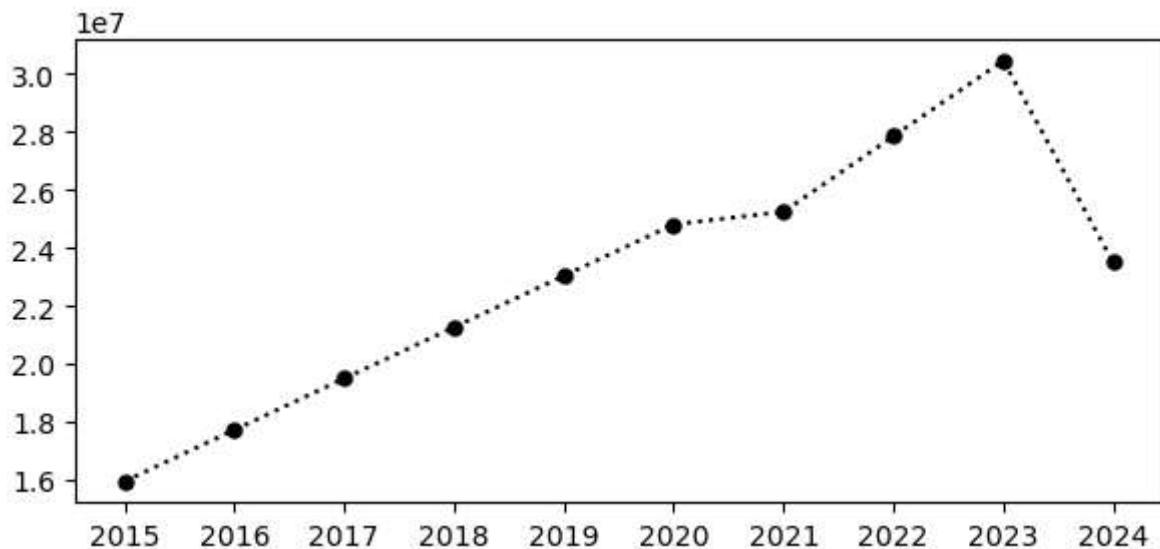
```
In [107...]: plt.plot(Salary[0],c='Orange',ls=':',marker='o',ms=5)  
plt.show()
```



```
In [109]: plt.plot(Salary[0],c='Indigo',ls=':',marker='o',ms=5)  
plt.show()
```



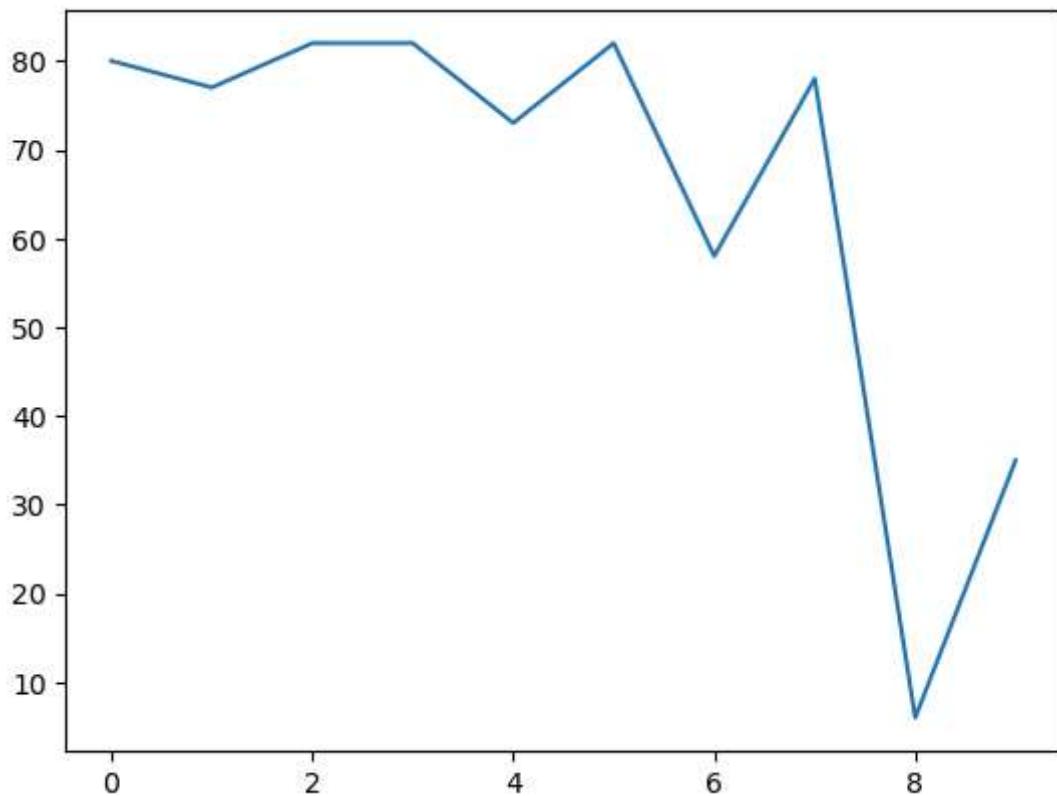
```
In [120]: plt.plot(Salary[0],c='k',ls=':',marker='o',ms=5)  
plt.xticks(list(range(0,10)),Seasons)  
plt.show()
```



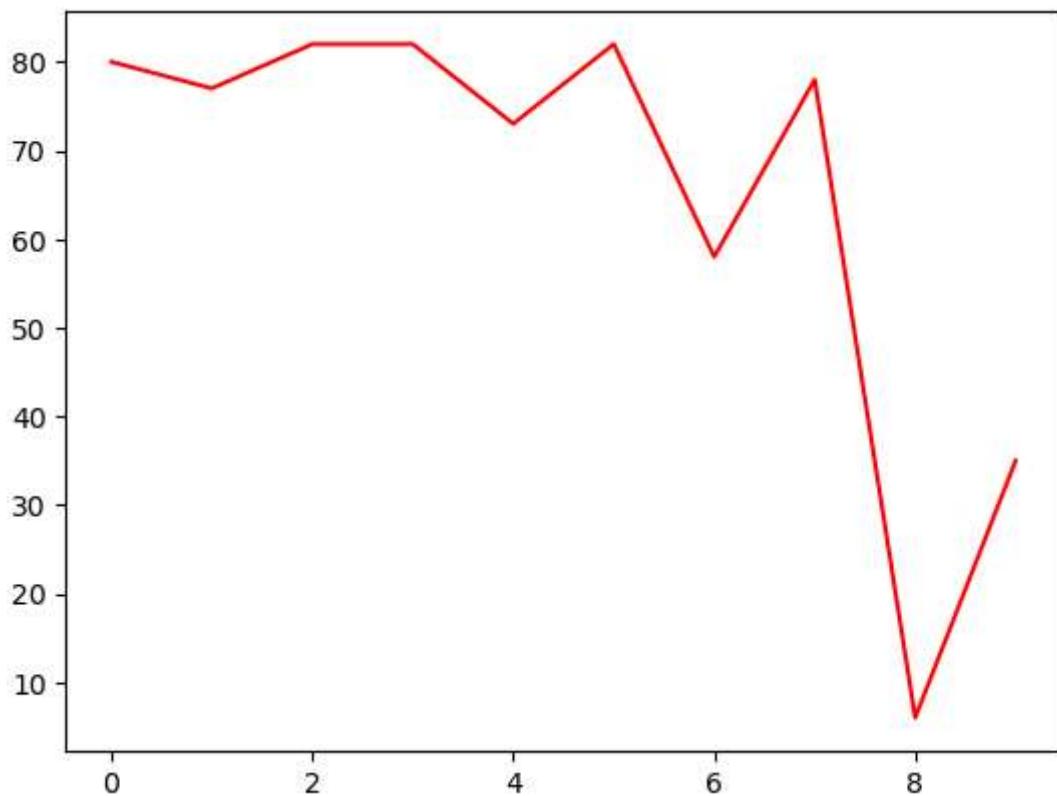
In [118...]: Games

```
Out[118...]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],  
[82, 57, 82, 79, 76, 72, 60, 72, 79, 80],  
[79, 78, 75, 81, 76, 79, 62, 76, 77, 69],  
[80, 65, 77, 66, 69, 77, 55, 67, 77, 40],  
[82, 82, 82, 79, 82, 78, 54, 76, 71, 41],  
[70, 69, 67, 77, 70, 77, 57, 74, 79, 44],  
[78, 64, 80, 78, 45, 80, 60, 70, 62, 82],  
[35, 35, 80, 74, 82, 78, 66, 81, 81, 27],  
[40, 40, 40, 81, 78, 81, 39, 0, 10, 51],  
[75, 51, 51, 79, 77, 76, 49, 69, 54, 62]])
```

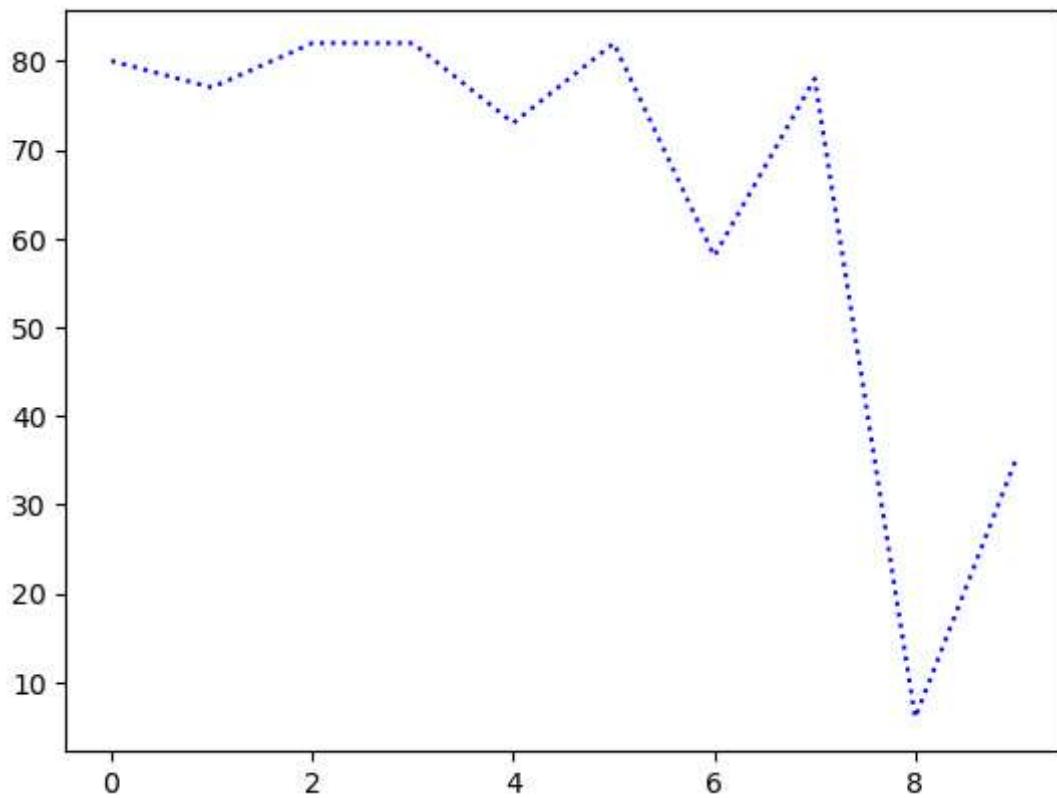
In [25]: plt.plot(Games[0])
plt.show()



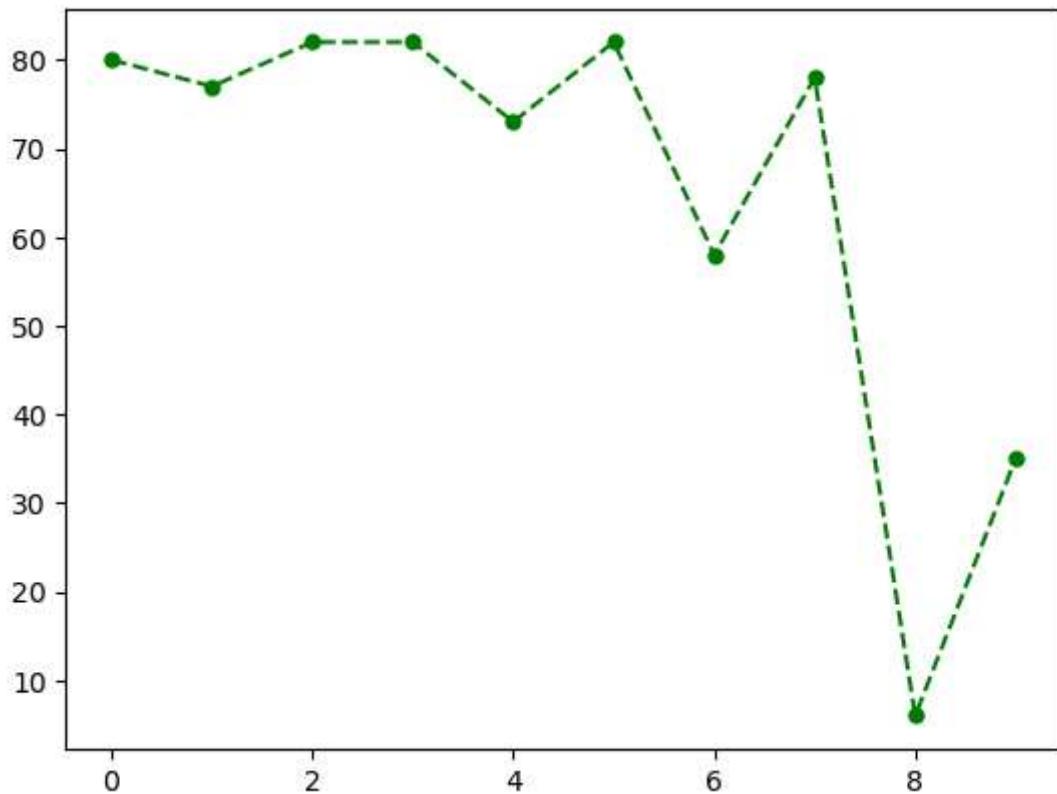
```
In [15]: plt.plot(Games[0], c='r')
plt.show()
```



```
In [21]: plt.plot(Games[0], c='b', ls=':')
plt.show()
```

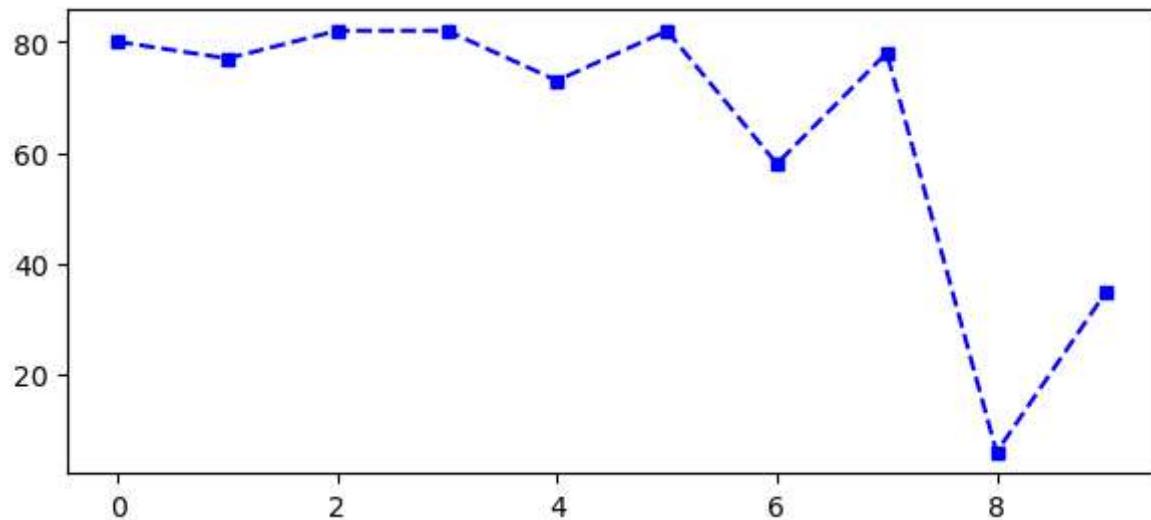


```
In [23]: plt.plot(Games[0],c='g',ls='--',marker='o',ms=5)  
plt.show()
```

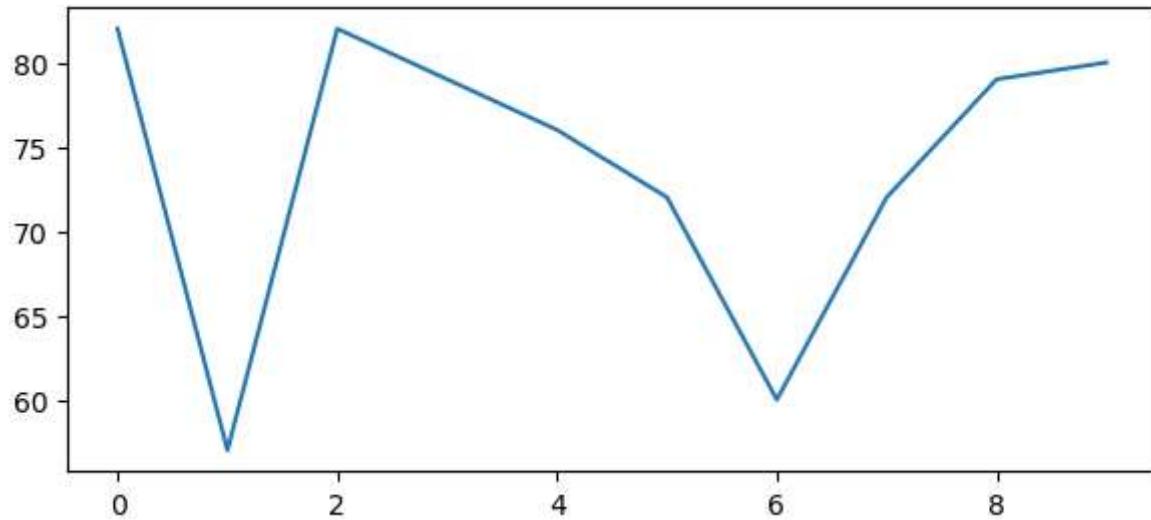


```
In [27]: %matplotlib inline  
plt.rcParams['figure.figsize']=7,3
```

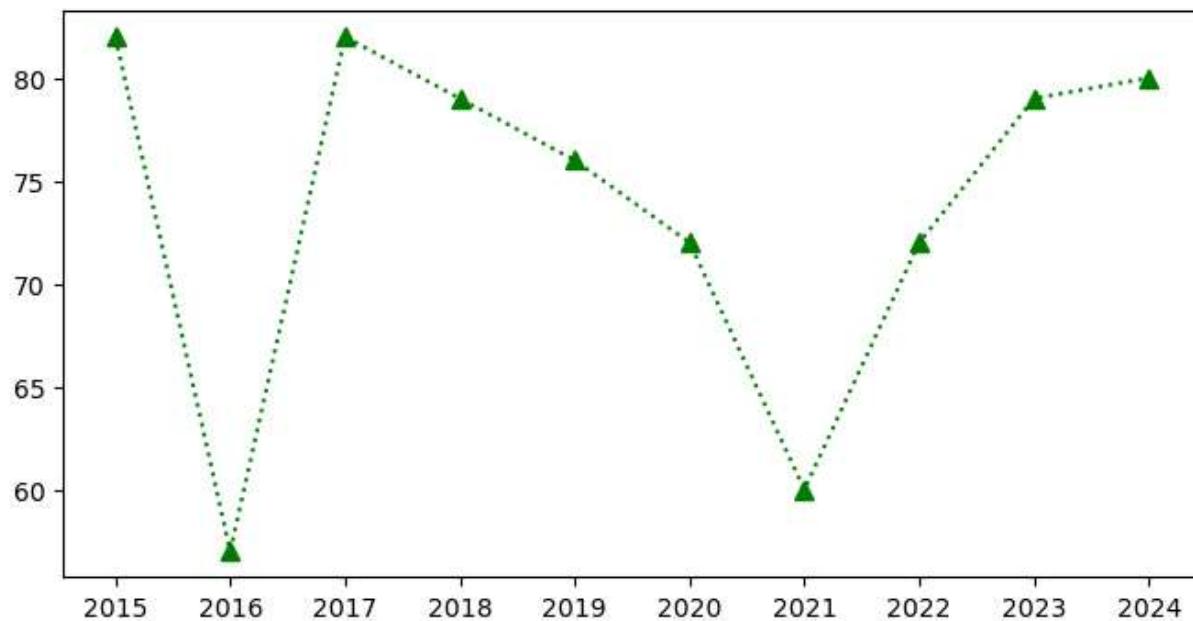
```
In [31]: plt.plot(Games[0],c='b',ls='--',marker='s',ms=5)  
plt.show()
```



```
In [35]: plt.plot(Games[1])  
plt.show()
```

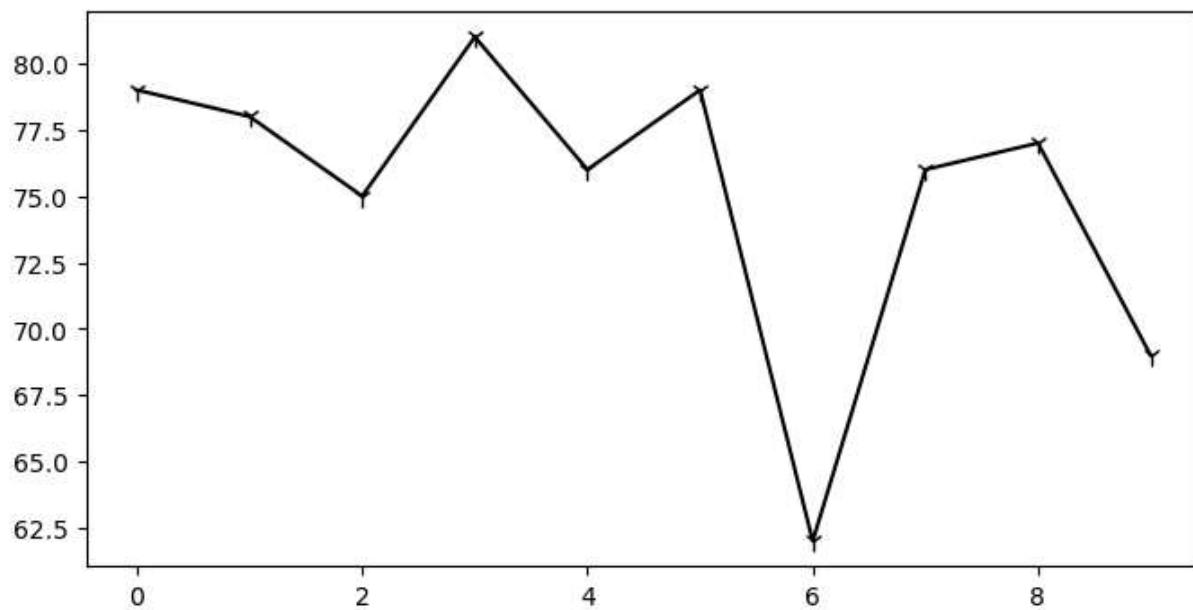


```
In [71]: plt.plot(Games[1],c='g',ls=':',marker='^',ms=7)  
plt.xticks(list(range(0,10)),Seasons)  
plt.show()
```

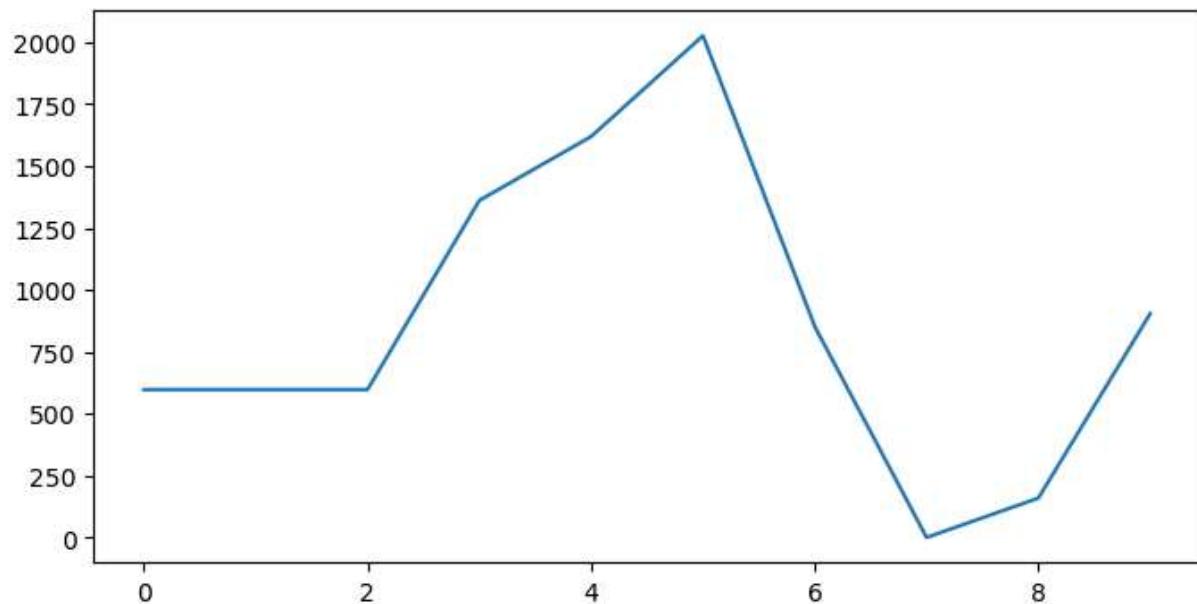


```
In [63]: %matplotlib inline  
plt.rcParams['figure.figsize']=8,4
```

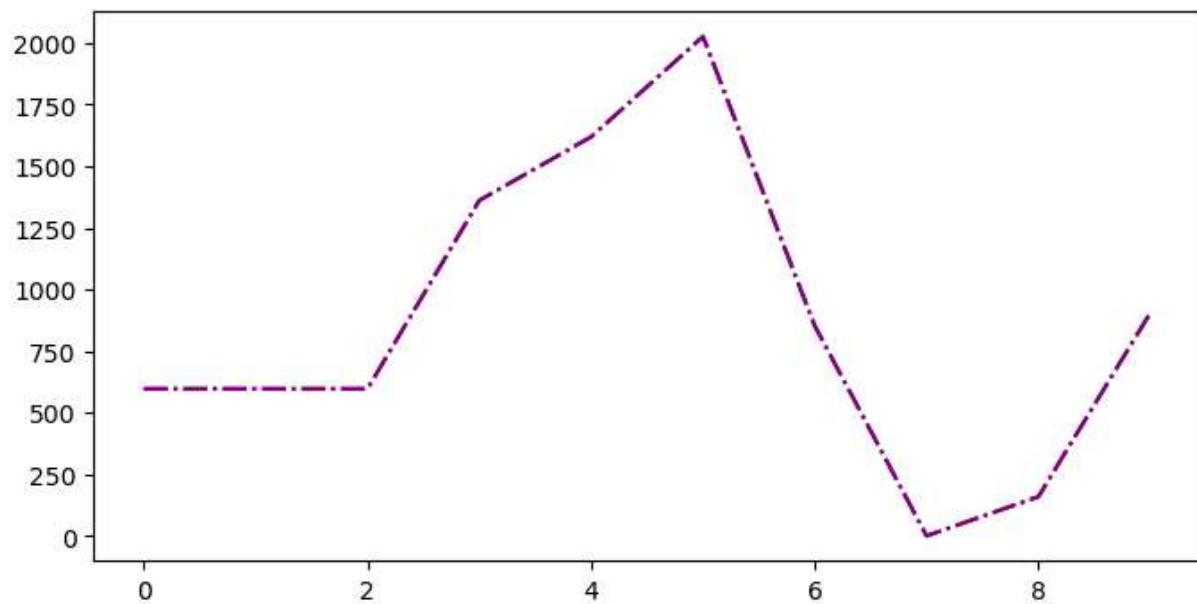
```
In [67]: plt.plot(Games[2],c='k',marker="1",ms=8)  
plt.show()
```



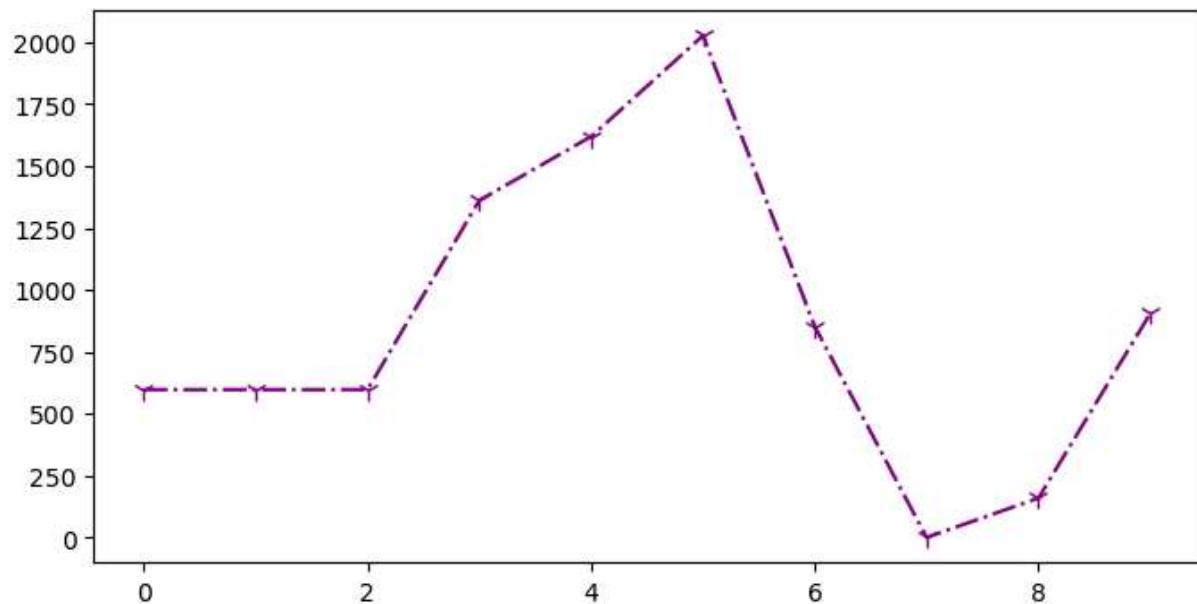
```
In [75]: plt.plot(Points[8])  
plt.show()
```



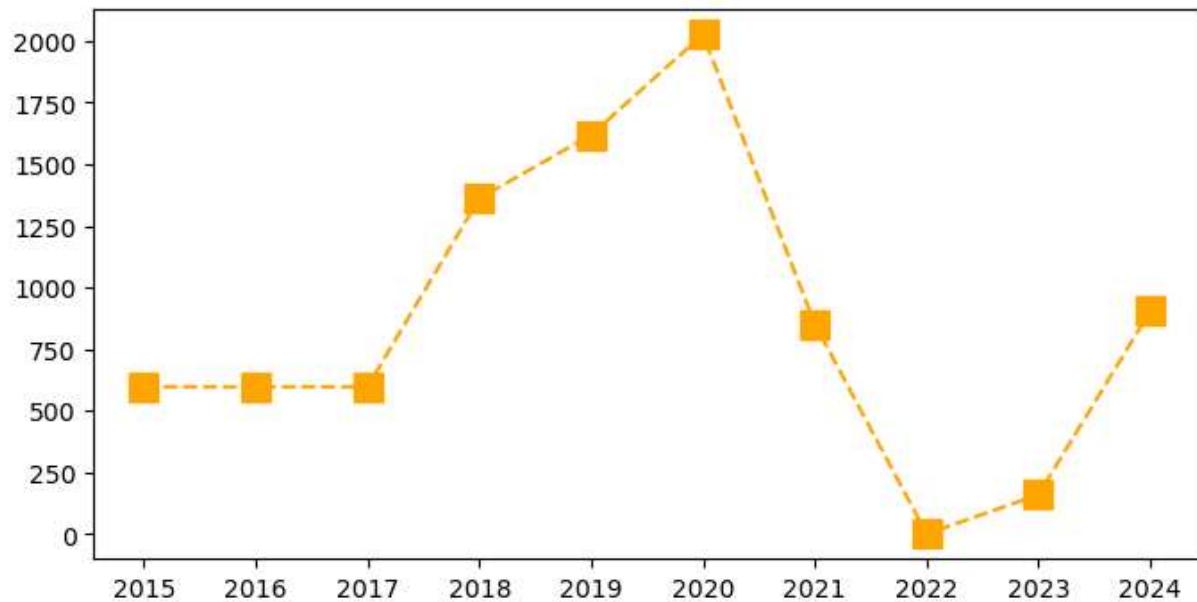
```
In [79]: plt.plot(Points[8],c='purple',ls='-.')
plt.show()
```



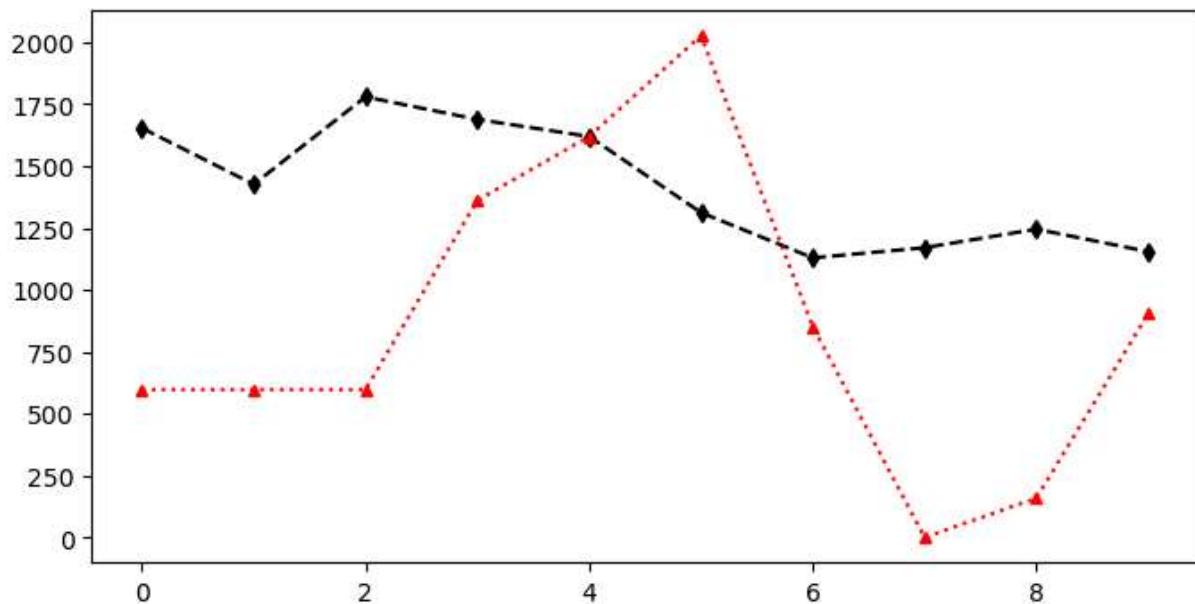
```
In [89]: plt.plot(Points[8],c='purple',ls='-.',marker='1',ms=9)
plt.show()
```



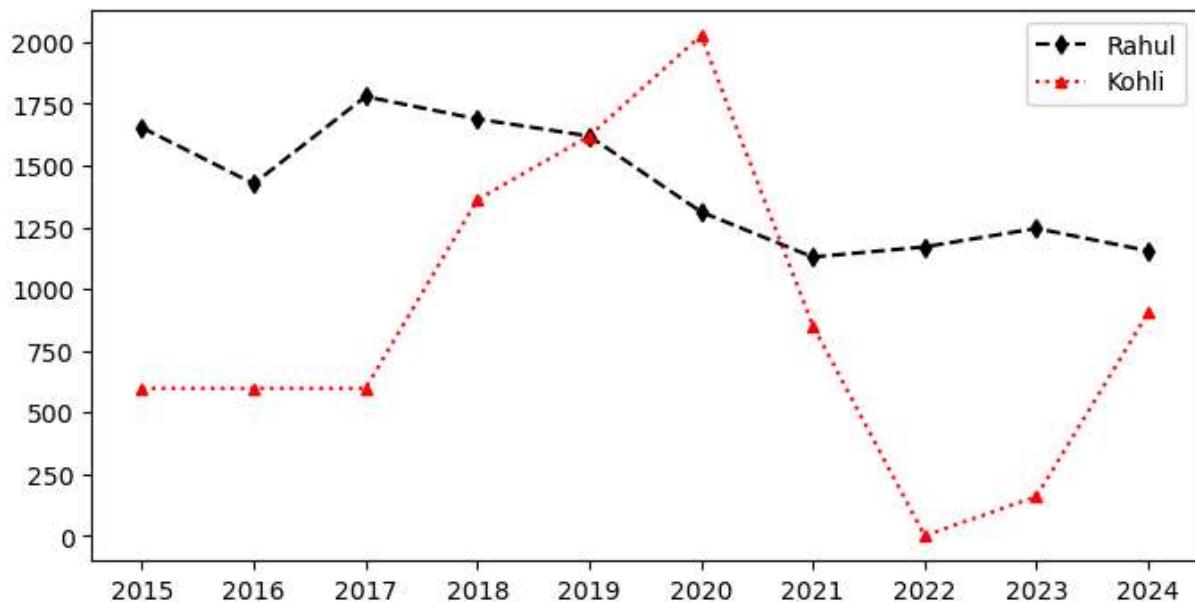
```
In [91]: plt.plot(Points[8],c='orange',ls='--',marker='s',ms=11)
plt.xticks(list(range(0,10)),Seasons)
plt.show()
```



```
In [95]: plt.plot(Points[1],c='k',marker='d',ls='--',ms=5)
plt.plot(Points[8],c='r',marker='^',ls=':',ms=5)
plt.show()
```

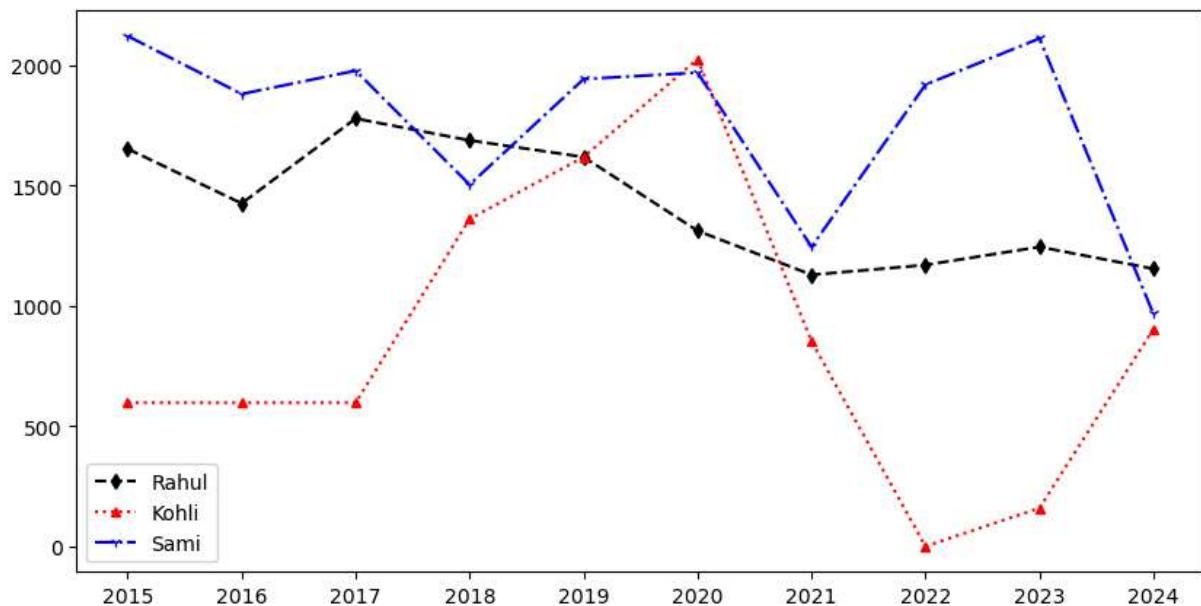


```
In [103]: plt.plot(Points[1],c='k',marker='d',ls='--',ms=5,label=Players[1])
plt.plot(Points[8],c='r',marker='^',ls=':',ms=5,label=Players[8])
plt.xticks(list(range(0,10)),Seasons)
plt.legend()
plt.show()
```



```
In [117]: %matplotlib inline
plt.rcParams['figure.figsize']=10,5
```

```
In [119]: plt.plot(Points[1],c='k',marker='d',ls='--',ms=5,label=Players[1])
plt.plot(Points[8],c='r',marker='^',ls=':',ms=5,label=Players[8])
plt.plot(Points[3],c='b',marker='1',ls='-.',ms=5,label=Players[3])
plt.xticks(list(range(0,10)),Seasons)
plt.legend()
plt.show()
```



In []: