

```
In [3]: #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, 30625000, 34250000, 38125000, 42100000, 46175000, 50250000, 54325000, 58300000, 62375000, 66450000, 70525000, 74600000, 78675000, 82750000, 86825000, 90900000, 94975000, 99050000, 103125000, 107100000, 111175000, 115150000, 119125000, 123100000, 127075000, 131050000, 135025000, 139000000, 143975000, 147950000, 151925000, 155800000, 159775000, 163650000, 167525000, 171400000, 175275000, 179150000, 183025000, 186890000, 190760000, 194630000, 198500000, 202370000, 206240000, 210110000, 213980000, 217850000, 221720000, 225590000, 229460000, 233330000, 237200000, 241070000, 244940000, 248810000, 252680000, 256550000, 260420000, 264290000, 268160000, 271930000, 275800000, 279670000, 283540000, 287410000, 291280000, 295150000, 298920000, 302790000, 306560000, 310330000, 314100000, 317870000, 321640000, 325410000, 329180000, 332950000, 336720000, 340490000, 344260000, 348030000, 351800000, 355570000, 359340000, 363110000, 366880000, 370650000, 374420000, 378190000, 381960000, 385730000, 389500000, 393270000, 396940000, 400710000, 404480000, 408250000, 412020000, 415790000, 419560000, 423330000, 427100000, 430870000, 434640000, 438410000, 442180000, 445950000, 449720000, 453490000, 457260000, 461030000, 464800000, 468570000, 472340000, 476110000, 479880000, 483650000, 487420000, 491190000, 494960000, 498730000, 502500000, 506270000, 510040000, 513810000, 517580000, 521350000, 525120000, 528890000, 532660000, 536430000, 540200000, 543970000, 547740000, 551510000, 555280000, 558950000, 562720000, 566490000, 570260000, 573930000, 577700000, 581470000, 585240000, 588910000, 592680000, 596350000, 600020000, 603690000, 607360000, 611030000, 614700000, 618370000, 621940000, 625610000, 629280000, 632950000, 636620000, 640290000, 643960000, 647630000, 651300000, 654970000, 658640000, 662310000, 665980000, 669650000, 673320000, 676990000, 680660000, 684330000, 687990000, 691660000, 695330000, 698990000, 702660000, 706330000, 710000000, 713670000, 717340000, 721010000, 724680000, 728350000, 731920000, 735590000, 739260000, 742830000, 746400000, 750070000, 753640000, 757210000, 760780000, 764350000, 767920000, 771490000, 775060000, 778630000, 782200000, 785770000, 789340000, 792910000, 796480000, 800050000, 803620000, 807190000, 810760000, 814330000, 817900000, 821470000, 824940000, 828510000, 832080000, 835650000, 839220000, 842790000, 846360000, 850000000, 853670000, 857340000, 860910000, 864580000, 868250000, 871920000, 875590000, 879260000, 882930000, 886600000, 890270000, 893940000, 897610000, 901280000, 904950000, 908620000, 912290000, 915960000, 919630000, 923300000, 926970000, 930640000, 934310000, 937980000, 941650000, 945320000, 948990000, 952660000, 956330000, 960000000, 963670000, 967340000, 971010000, 974680000, 978350000, 982020000, 985690000, 989360000, 993030000, 996700000, 1000000000]

#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 [5]: Salary #matrix formate

```
Out[5]: 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 [7]: Games #building you first matrix

```
Out[7]: 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 [9]: Games[5]

```
Out[9]: array([70, 69, 67, 77, 70, 77, 57, 74, 79, 44])
```

In [11]: Games[0:5]

```
Out[11]: 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 [13]: Games[0,5]

```
Out[13]: 82
```

In [15]: Games[0,2]

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

In [17]: Games[0:2]

```
Out[17]: array([[80, 77, 82, 82, 73, 82, 58, 78, 6, 35],  
                 [82, 57, 82, 79, 76, 72, 60, 72, 79, 80]])
```

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

```
Out[19]: array([[35, 35, 80, 74, 82, 78, 66, 81, 81, 27],  
                 [40, 40, 40, 81, 78, 81, 39, 0, 10, 51]])
```

```
In [21]: Games[-3,-1]
```

```
Out[21]: 27
```

```
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]: Points[:]
```

```
Out[25]: 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 [27]: Pdict
```

```
Out[27]: {'Sachin': 0,  
          'Rahul': 1,  
          'Smith': 2,  
          'Sami': 3,  
          'Pollard': 4,  
          'Morris': 5,  
          'Samson': 6,  
          'Dhoni': 7,  
          'Kohli': 8,  
          'Sky': 9}
```

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

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

```
In [31]: Games[0]
```

```
Out[31]: array([80, 77, 82, 82, 73, 82, 58, 78, 6, 35])
```

```
In [33]: Games[Pdict['Sachin']]
```

```
Out[33]: array([80, 77, 82, 82, 73, 82, 58, 78, 6, 35])
```

```
In [35]: Games
```

```
Out[35]: 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 [37]: Pdict
```

```
Out[37]: {'Sachin': 0,
 'Rahul': 1,
 'Smith': 2,
 'Sami': 3,
 'Pollard': 4,
 'Morris': 5,
 'Samson': 6,
 'Dhoni': 7,
 'Kohli': 8,
 'Sky': 9}
```

```
In [39]: Games[1]
```

```
Out[39]: array([82, 57, 82, 79, 76, 72, 60, 72, 79, 80])
```

Game

```
In [42]: Salary
```

```
Out[42]: 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 [44]: `Salary/Games`

```
C:\Users\soham\AppData\Local\Temp\ipykernel_20012\3709746658.py:1: RuntimeWarning: divide by zero encountered in divide
Salary/Games
```

```
Out[44]: 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 [46]: import warnings
warnings.filterwarnings('ignore')
```

```
In [48]: #import numpy as np
import matplotlib.pyplot as plt
```

```
In [50]: %matplotlib inline
```

```
In [52]: Salary
```

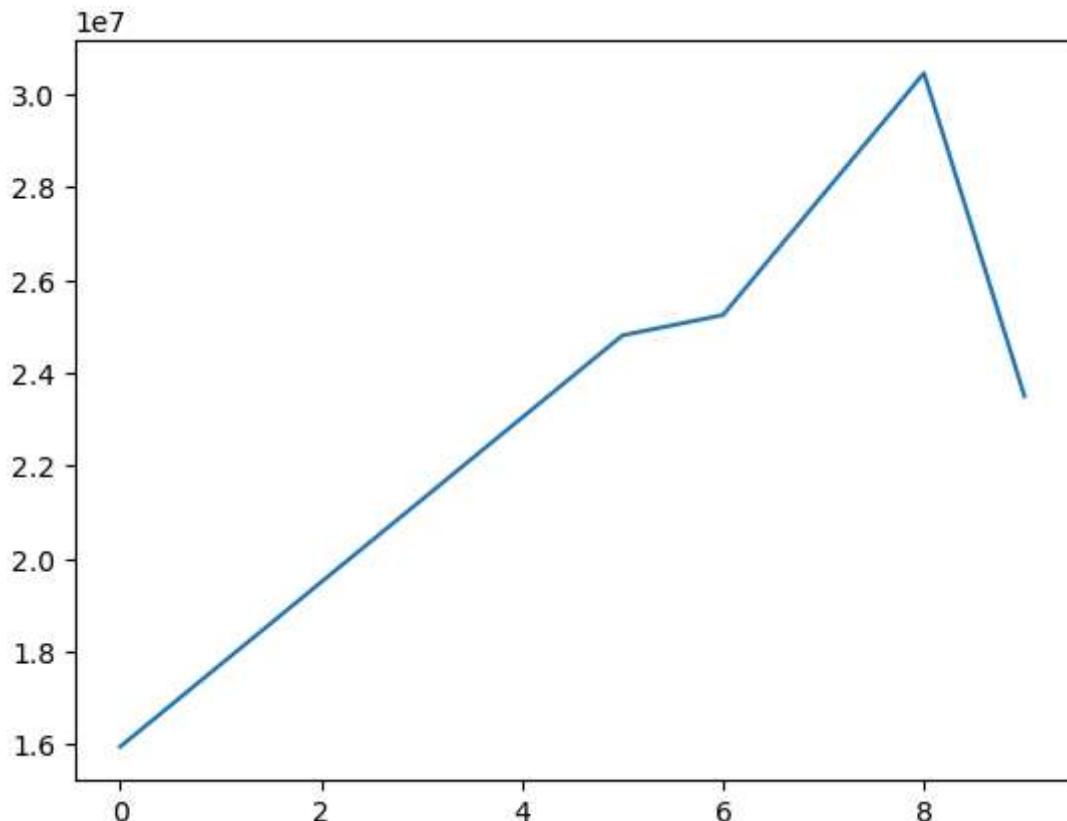
```
Out[52]: array([[15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
   25244493, 27849149, 30453805, 23500000],
   [12000000, 12744189, 13488377, 14232567, 14976754, 16324500,
   18038573, 19752645, 21466718, 23180790],
   [ 4621800, 5828090, 13041250, 14410581, 15779912, 14500000,
   16022500, 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 [54]: Salary[0]
```

```
Out[54]: array([15946875, 17718750, 19490625, 21262500, 23034375, 24806250,
   25244493, 27849149, 30453805, 23500000])
```

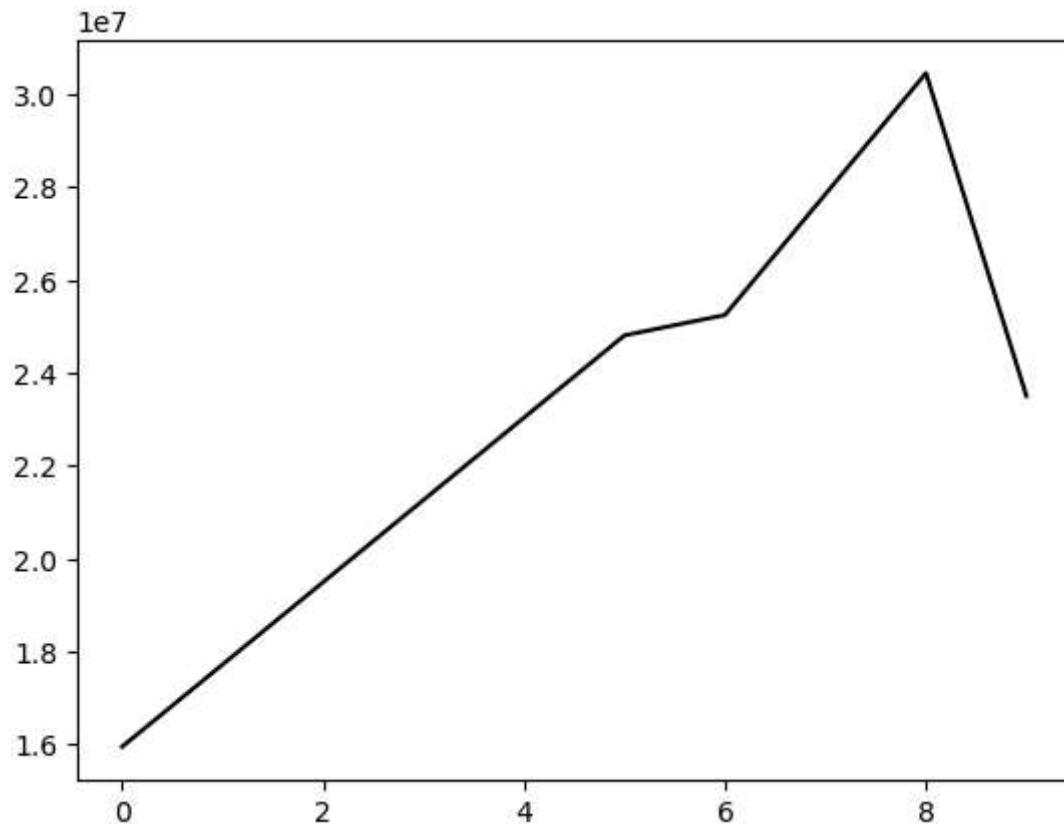
```
In [56]: plt.plot(Salary[0] )
```

```
Out[56]: [
```



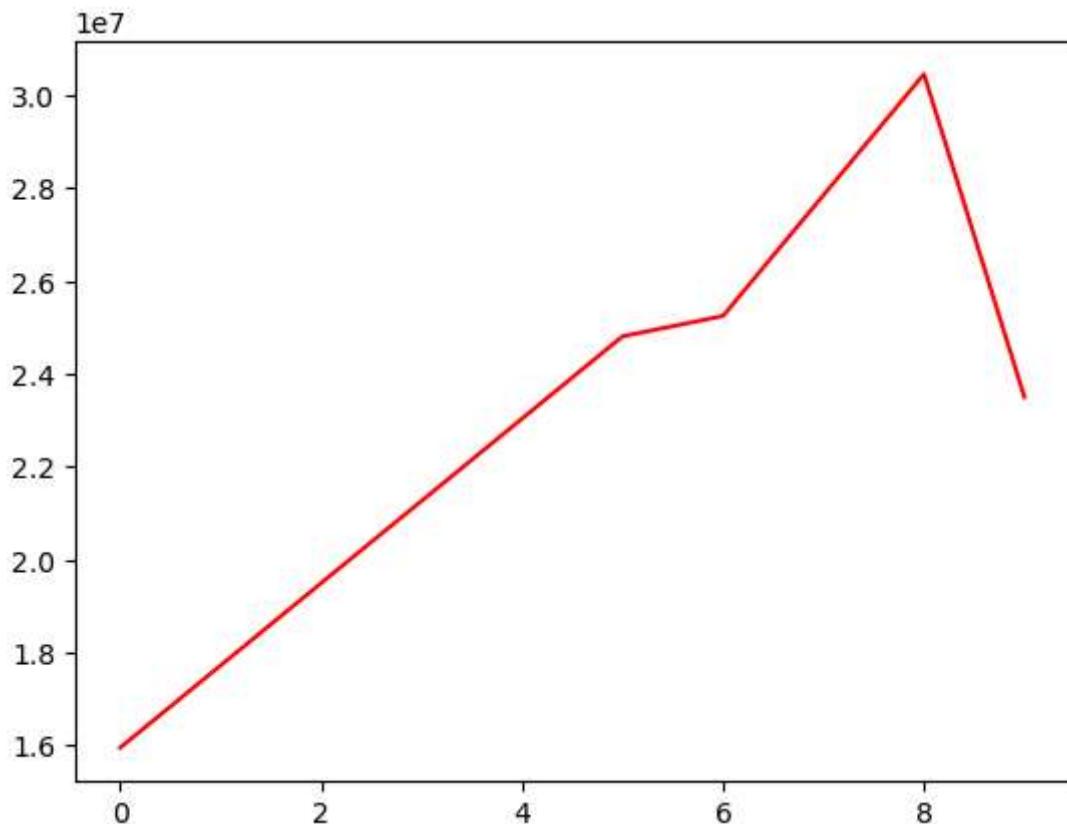
```
In [58]: plt.plot(Salary[0] , color = 'k')
```

```
Out[58]: [
```



```
In [60]: plt.plot(Salary[0], color = 'red')
```

```
Out[60]: [
```

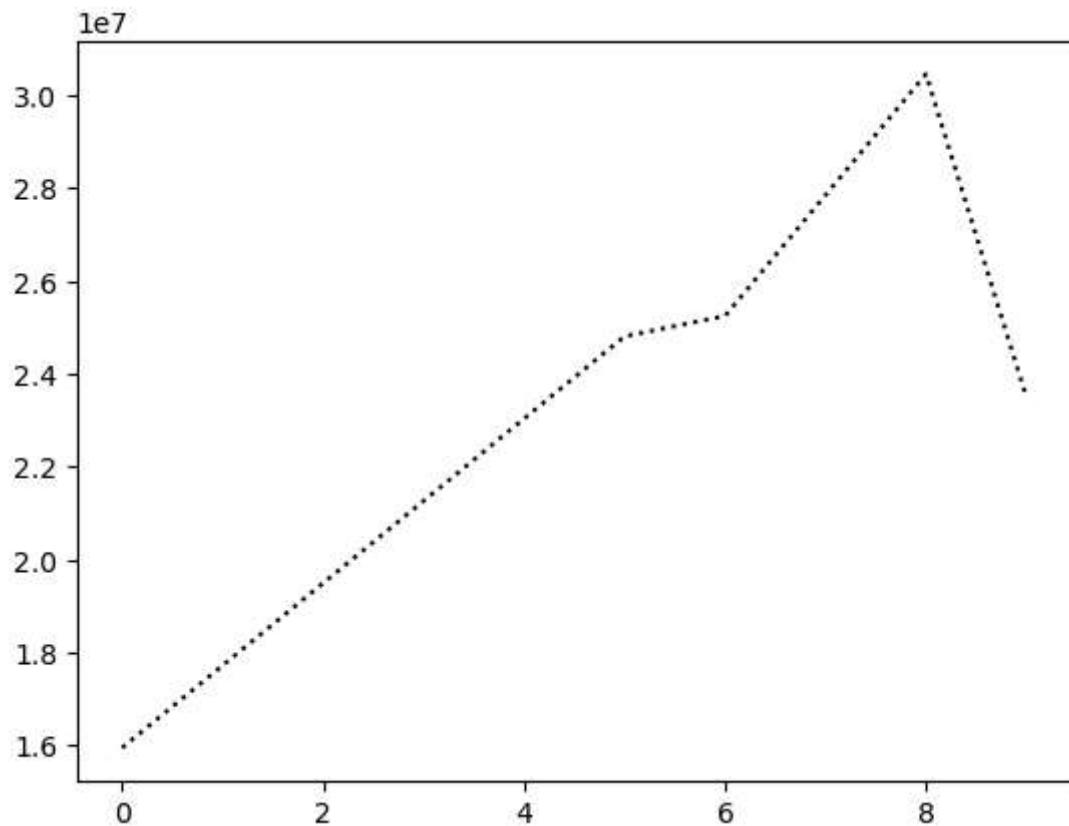


```
In [62]: Games
```

```
Out[62]: 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]])
```

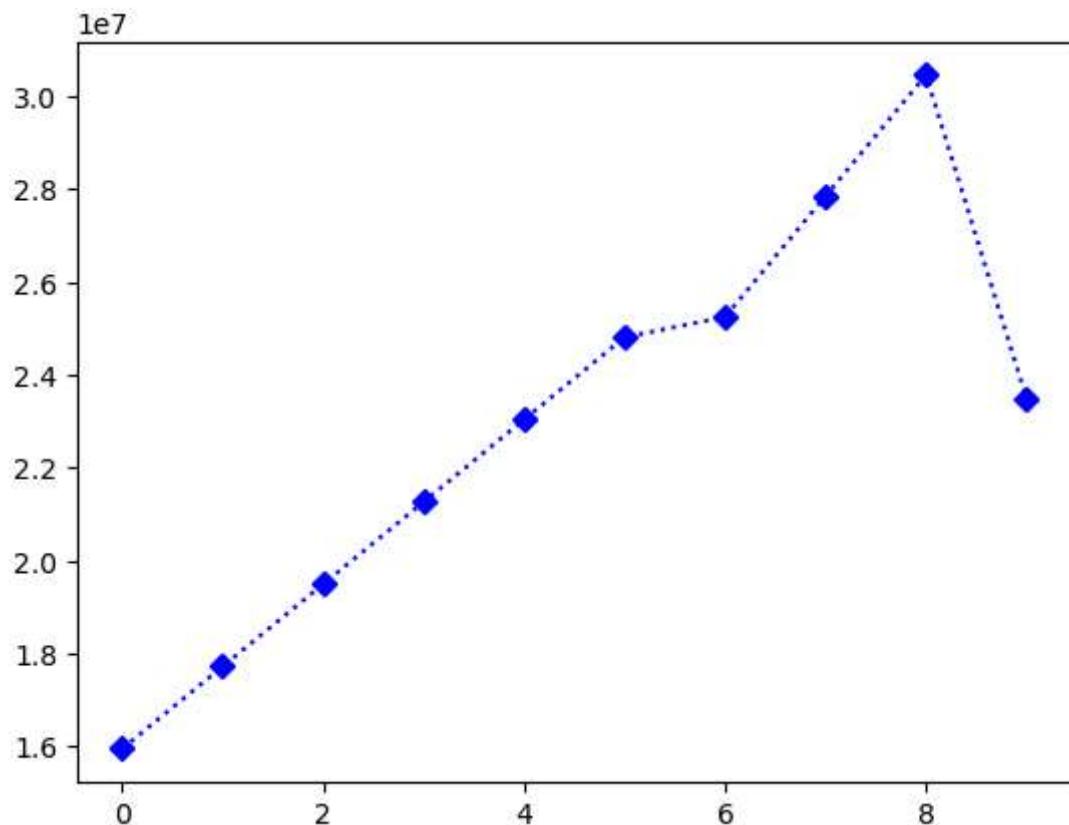
```
In [70]: plt.plot(Salary[0], color='k', ls=':')
```

```
Out[70]: [<matplotlib.lines.Line2D at 0x1f94e577710>]
```



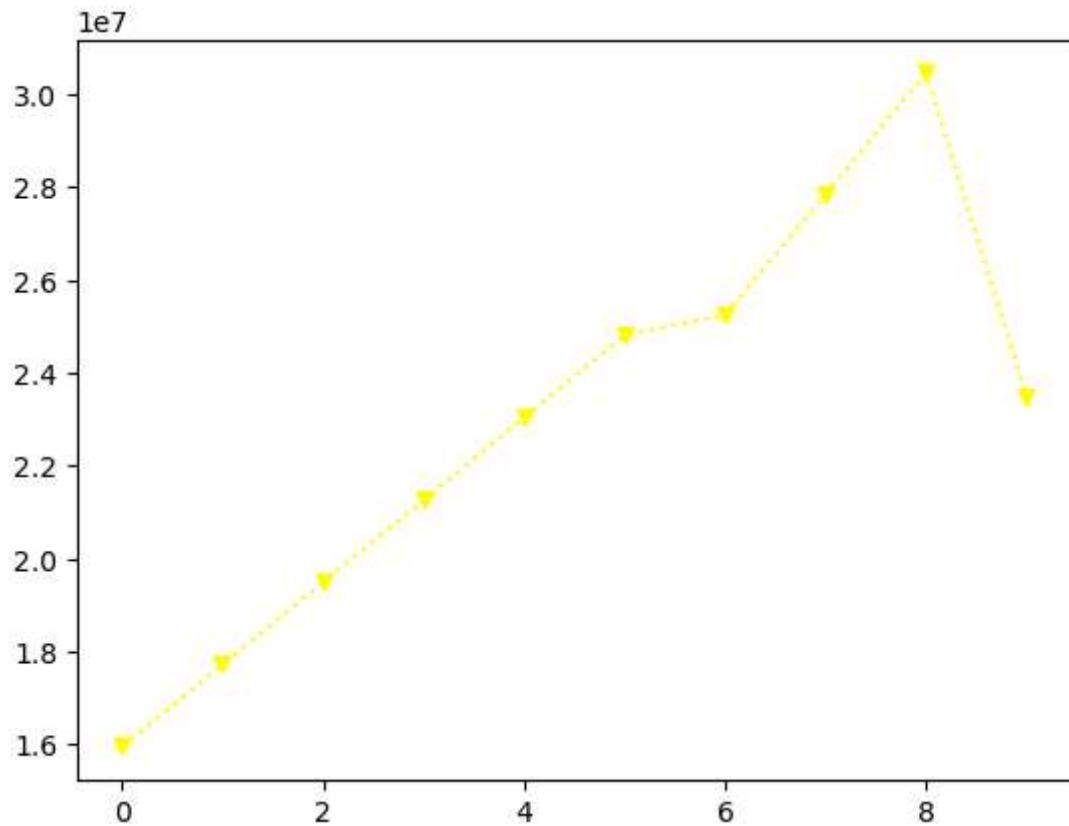
```
In [78]: plt.plot(Salary[0], color='blue', ls=':', marker='D')
```

```
Out[78]: [<matplotlib.lines.Line2D at 0x1f94e4c78c0>]
```



```
In [80]: plt.plot(Salary[0],color='yellow',ls=':',marker='v')
```

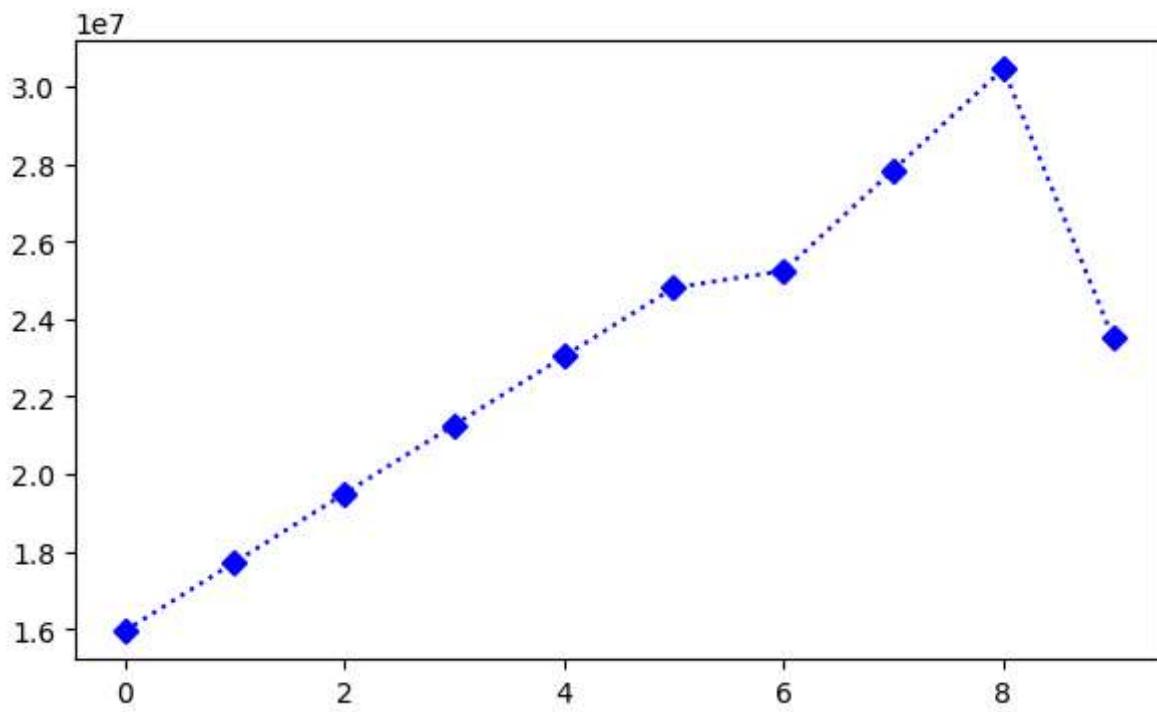
```
Out[80]: [<matplotlib.lines.Line2D at 0x1f94ef70a10>]
```



```
In [84]: %matplotlib inline  
plt.rcParams['figure.figsize']=7,4
```

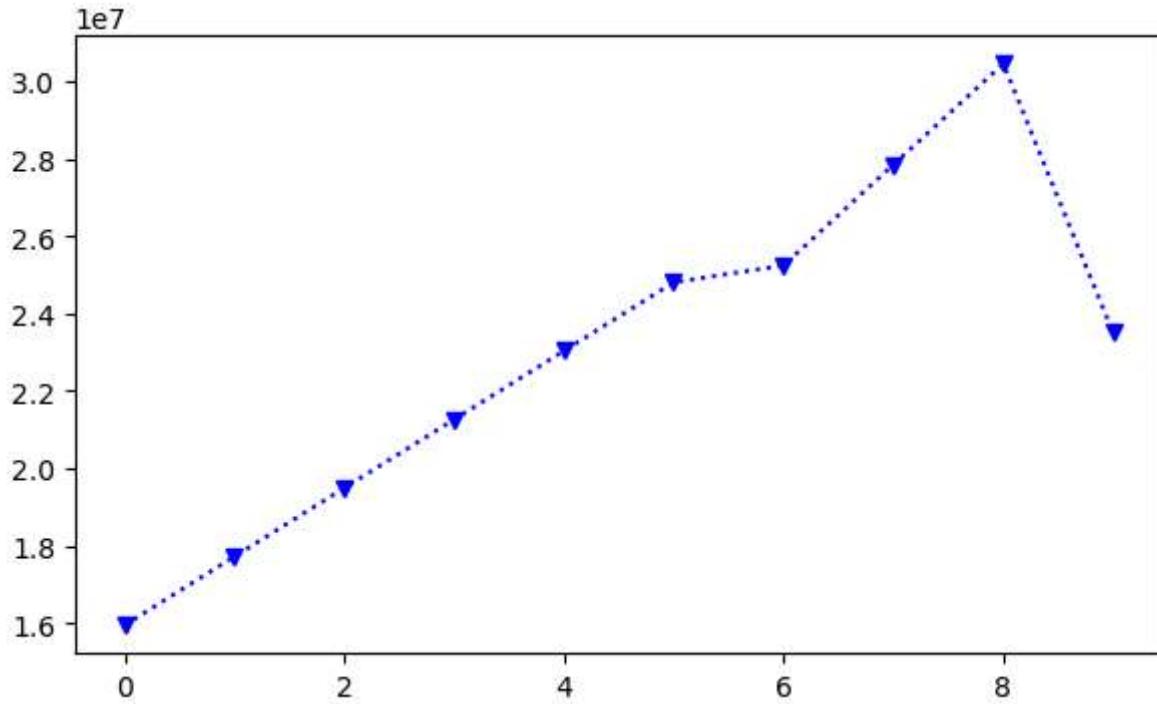
```
In [94]: plt.plot(Salary[0],c='b',ls=':', marker='D')
```

```
Out[94]: [<matplotlib.lines.Line2D at 0x1f94e55fc20>]
```



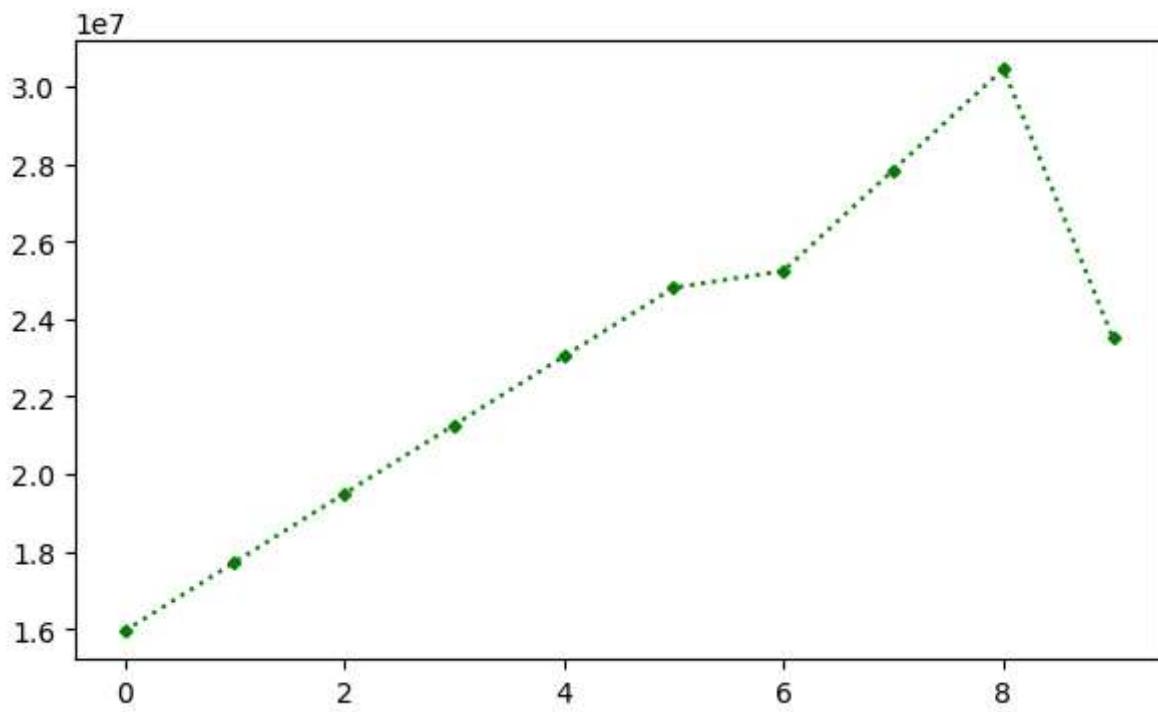
```
In [96]: plt.plot(Salary[0],c='b',ls=':', marker='v')
```

```
Out[96]: [<matplotlib.lines.Line2D at 0x1f95046d100>]
```



```
In [100...]: %matplotlib inline  
plt.rcParams['figure.figsize']=7,4
```

```
In [102...]: plt.plot(Salary[0],c='g',ls=':',marker='D',ms=3)  
plt.show()
```



In [106...]: `list(range(0,10))`

Out[106...]: `[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]`

In [110...]: `Sdict`

Out[110...]: `{'2015': 0,
'2016': 1,
'2017': 2,
'2018': 3,
'2019': 4,
'2020': 5,
'2021': 6,
'2022': 7,
'2023': 8,
'2024': 9}`

In [112...]: `Pdict`

Out[112...]: `{'Sachin': 0,
'Rahul': 1,
'Smith': 2,
'Sami': 3,
'Pollard': 4,
'Morris': 5,
'Samson': 6,
'Dhoni': 7,
'Kohli': 8,
'Sky': 9}`

In [114...]: `Pdict['Sachin']`

Out[114... 0

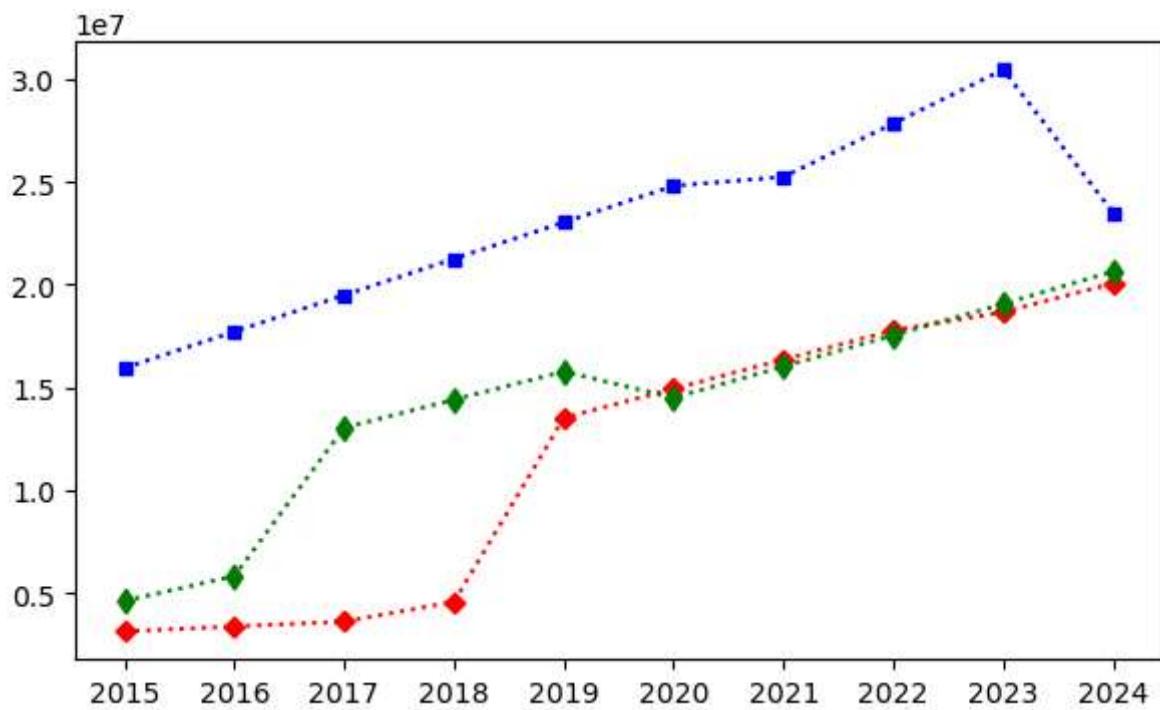
In [118... Salary[Pdict['Smith']][Sdict['2018']]

Out[118... 14410581

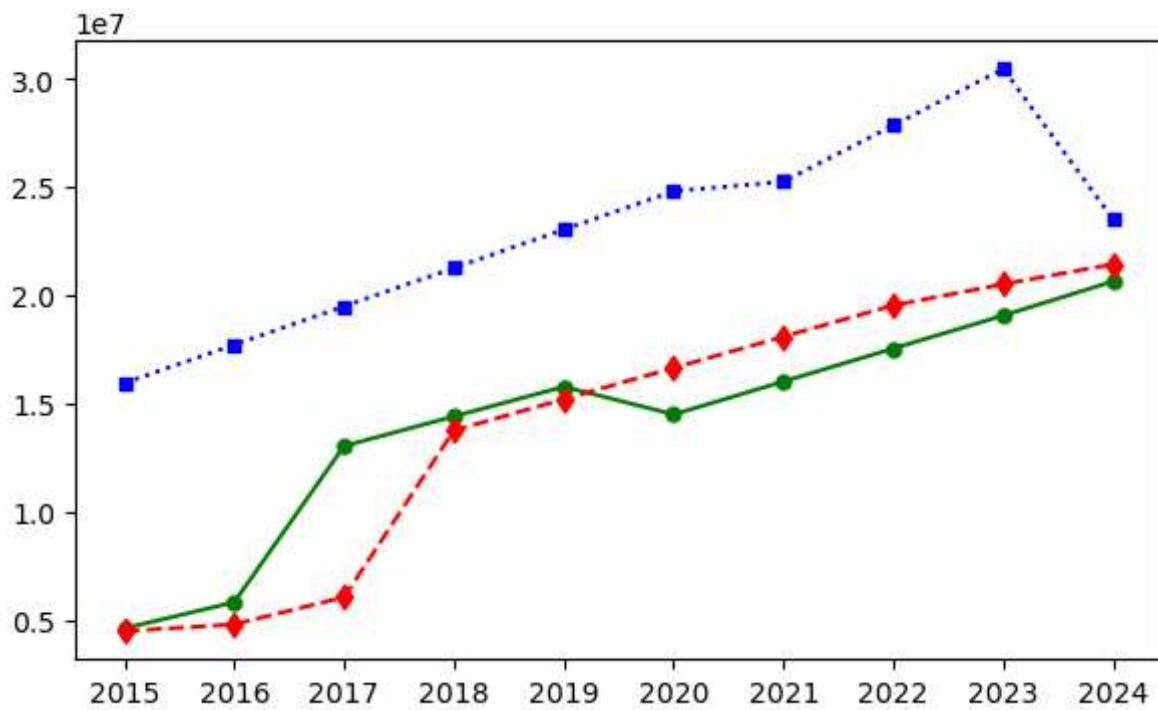
In [120... list(range(0,10))

Out[120... [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]

```
In [138... plt.plot(Salary[0],c='b',ls=':',marker='s', ms=4)
plt.plot(Salary[6],c='r',ls=':',marker='D', ms=5)
plt.plot(Salary[2],c='g',ls=':',marker='d', ms=6)
plt.xticks(list(range(0,10)),Seasons)
plt.show()
```



```
In [136... plt.plot(Salary[0],c='b',ls=':',marker='s', ms=4)
plt.plot(Salary[2],c='g',ls='--',marker='o',ms=5)
plt.plot(Salary[4],c='r',ls='--',marker='d',ms=6)
plt.xticks(list(range(0,10)),Seasons)
plt.show()
```



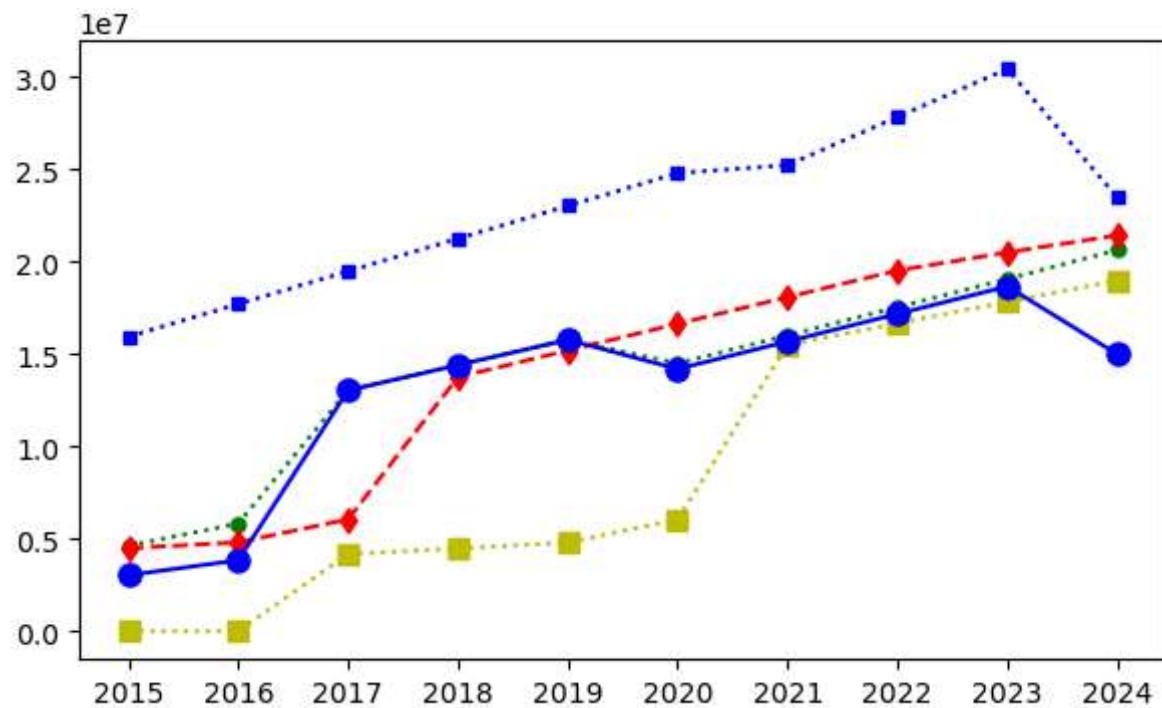
In [140...]

Points

```
Out[140...]: 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 [154...]

```
plt.plot(Salary[0],c='b',ls=':',marker='s',ms=4)
plt.plot(Salary[2],c='g',ls=':',marker='o',ms=5)
plt.plot(Salary[4],c='r',ls='--',marker='d',ms=6)
plt.plot(Salary[7],c='y',ls=':',marker='s',ms=7)
plt.plot(Salary[9],c='b',ls='-',marker='o',ms=8)
plt.xticks(list(range(0,10)),Seasons)
plt.show()
```



In []: