# Visualizing the T20 performance of Team INDIA against SRILANKA using PYTHON!

```
In [1]:  #importing python libraries for data wrangling and visualization
         import pandas as pd
         import matplotlib.pyplot as plt
```

```
In [2]:  #collecting the dataset
         ivs=pd.read_excel("ivs.xlsx")
```
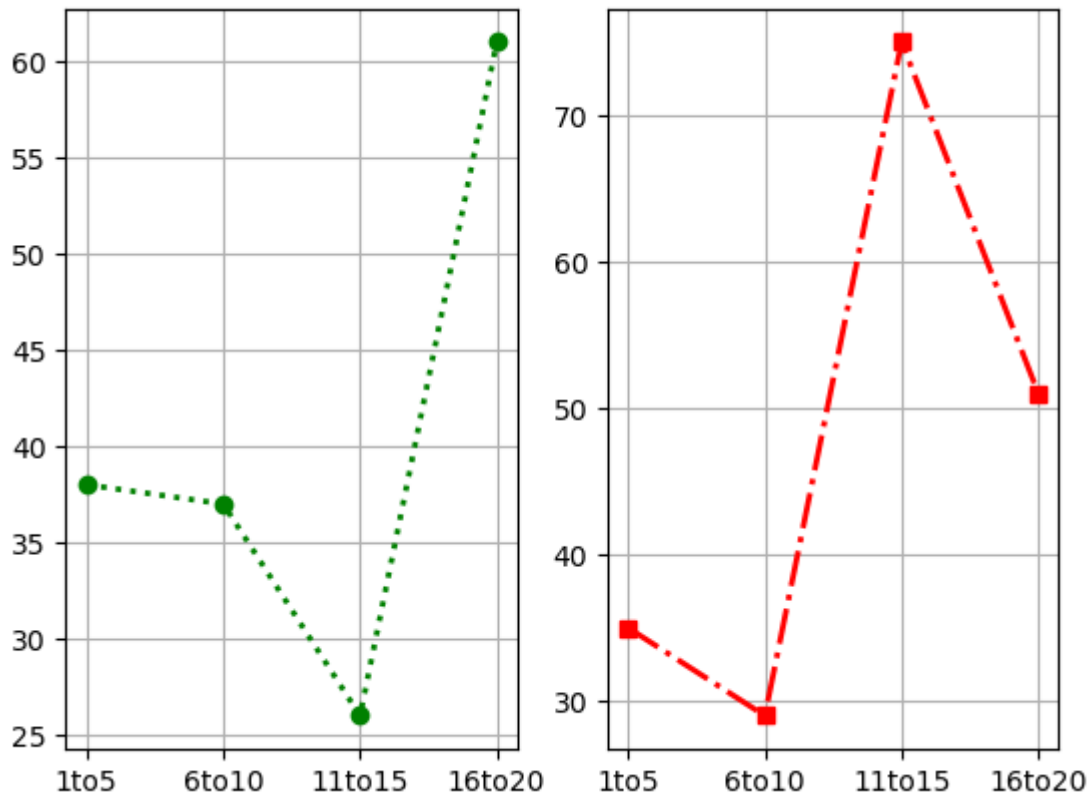
```
In [3]:  ivs
```

Out[3]:

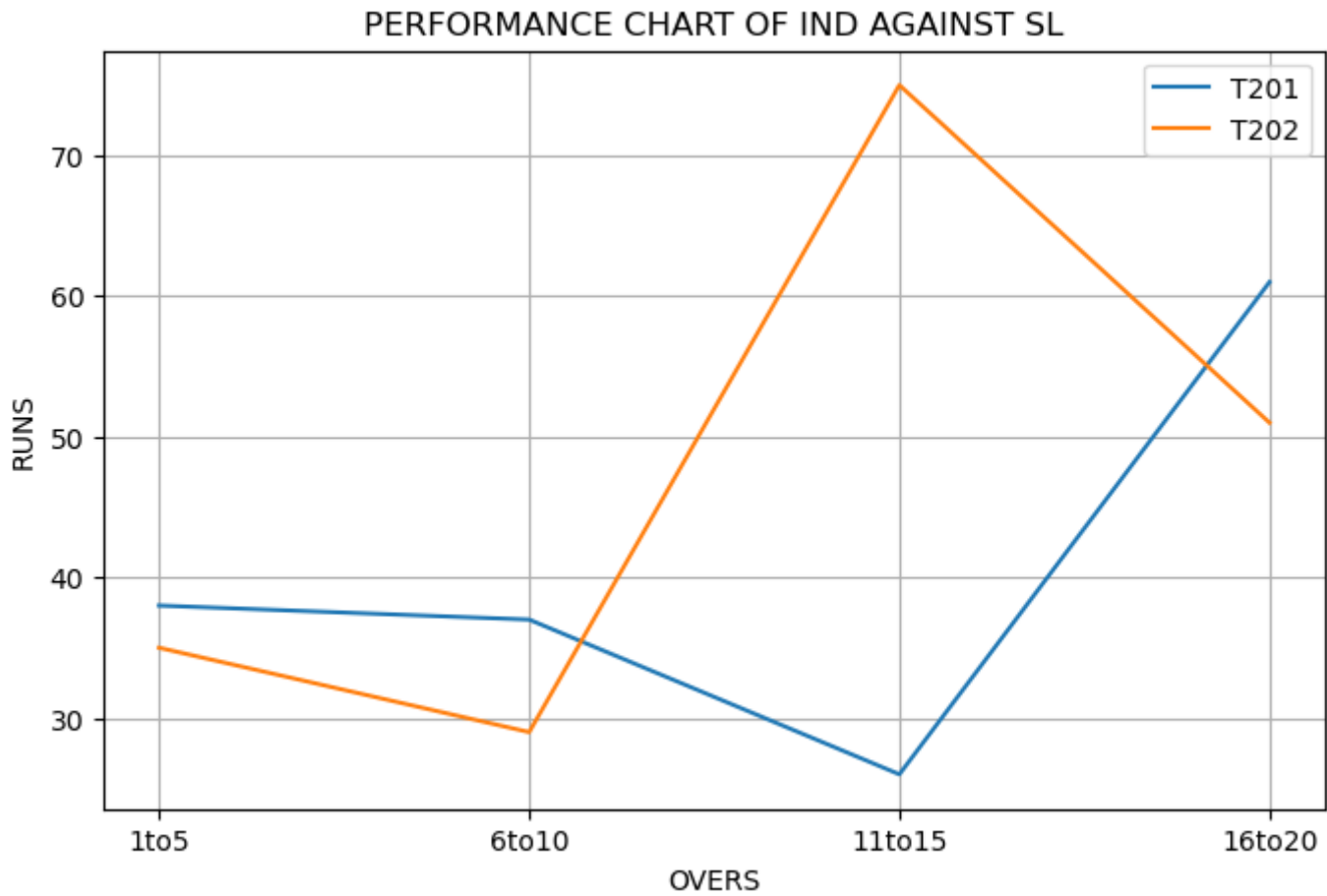| | overs | T201 | T202 |
|---|---|---|---|
| **0** | 1to5 | 38 | 35 |
| **1** | 6to10 | 37 | 29 |
| **2** | 11to15 | 26 | 75 |
| **3** | 16to20 | 61 | 51 |

```
In [4]:  overs=list(ivs["overs"])
```

```
In [5]:  T201=list(ivs["T201"])
         T202=list(ivs["T202"])
```

```
In [6]:  plt.xlabel("OVERS")
         plt.ylabel("RUNS")
         plt.subplot(1,2,1)
         plt.plot(overs,T201,marker="o",c="g",linestyle=":",linewidth=2)
         plt.grid()
         plt.subplot(1,2,2)
         plt.plot(overs,T202,marker="s",c='r',linestyle="-.",linewidth=2)
         plt.grid()
         plt.show()
```



```
In [7]:  plt.figure(figsize=(8,5))
         plt.title("PERFORMANCE CHART OF IND AGAINST SL")
         plt.xlabel("OVERS")
         plt.ylabel("RUNS")
         plt.plot(overs,T201,T202);
         plt.legend(labels=["T201","T202"])
         plt.grid()
```



```
In [ ]:
```