```
In [ ]:  import pandas as pd
         import numpy as np
         for_2016=pd.read_csv('data_visitors/foreign_visitors/foreign_visitors_2016.csv')
         for_2017=pd.read_csv('data_visitors/foreign_visitors/foreign_visitors_2017.csv')
         for_2018=pd.read_csv('data_visitors/foreign_visitors/foreign_visitors_2018.csv')
         for_2019=pd.read_csv('data_visitors/foreign_visitors/foreign_visitors_2019.csv')
```

```
In [ ]:  for_16_17_18_19=pd.concat([for_2016,for_2017,for_2018,for_2019],axis=0,ignore_index
```

```
In [ ]:  df_2016=for_2016.pivot(index='district',columns='month',values='visitors')
```

```
In [ ]:  df_2017=for_2017.pivot(index='district',columns='month',values='visitors')
         df_2018=for_2018.pivot(index='district',columns='month',values='visitors')
         df_2019=for_2019.pivot(index='district',columns='month',values='visitors')
```

```
In [ ]:  df_2016['Year']=2016
         df_2017['Year']=2017
         df_2018['Year']=2018
         df_2019['Year']=2019
```

```
In [ ]:  dff=pd.concat([df_2016,df_2017,df_2018,df_2019],axis=0,ignore_index=False)
```

```
In [ ]:  dff
```

Out[ ]:

month	April	August	December	February	January	July	June	March	May	Novembe
district										
Adilabad	0	2	0	0	2	4	0	2	0	
Bhadradri Kothagudem			0							
Hyderabad	8402	12842	17620	29646	15865	17142	10284	13019	8522	808
Jagtial			0							
Jangaon			0							
...	...	...	...	...	...	...	...	...	...	
Vikarabad										
Wanaparthy	0	0	0	0	0	0	0	0	0	
Warangal (Rural)	0	0	0	0	0	0	0	0	0	
Warangal (Urban)	190	230	210	200	175	185	195	200	175	23
Yadadri Bhongir	0	0	0	0	0	0	0	0	0	

126 rows × 13 columns

```
In [ ]:  df_2019
```

Out[ ]:

month	April	August	December	February	January	July	June	March	May	Nove
district										
Adilabad	0	2	0	2	0	0	0	0	0	
Bhadradri Kothagudem	0	0	0	0	0	0	0	0	0	
Hyderabad	18267	22725	34084	25621	35920	27874	20077	21929	17317	3
Jagtial	0	0	0	0	0	0	0	0	0	
Jangaon	0	0	0	0	0	0	0	0	0	
Jayashankar Bhoopalpally	0	0	0	0	45	0	0	0	0	
Jogulamba Gadwal	16	42	11	6	36	37	22	22	20	
Kamareddy	0	0	0	0	0	0	0	0	0	
Karimnagar	0	0	0	0	0	0	0	0	0	
Khammam	0	0	0	0	0	0	0	0	0	
Komaram Bheem Asifabad	0	0	0	0	0	0	0	0	0	
Mahabubabad	0	0	0	0	0	0	0	0	0	
Mahbubnagar	34	44	26	29	45	47	28	28	20	
Mancherial	0	0	0	0	0	0	0	0	0	
Medak	0	0	0	0	0	0	0	0	0	
Medchal										
Mulugu	40	50	65	45	0	55	50	40	40	
Nagarkurnool	18	22	10	15	35	17	14	14	14	
Nalgonda	0	0	0	0	0	0	0	0	0	
Narayanpet	0	0	5	0	0	0	0	0	0	
Nirmal	0	0	0	0	0	0	0	0	0	
Nizamabad	0	0	0	1	0	0	0	0	0	
Peddapalli	0	0	0	0	0	0	0	0	0	
Rajanna Sircilla	0	0	0	0	0	0	0	0	0	
Ranga Reddy										
Sangareddy	0	0	0	0	0	0	0	0	0	
Siddipet	0	0	0	0	0	0	0	0	0	
Suryapet	0	0	0	0	0	0	0	0	0	
Vikarabad										
Wanaparthy	0	0	0	0	0	0	0	0	0	
Warangal (Rural)	0	0	0	0	0	0	0	0	0	

month	April	August	December	February	January	July	June	March	May	Nove
district										
Warangal (Urban)	190	230	210	200	175	185	195	200	175	
Yadadri Bhongir	0	0	0	0	0	0	0	0	0	

```
In [ ]:  for_16_17_18_19.to_csv('df2_for.csv')
         dff.to_csv('df_for.csv')
```

```
In [ ]:
```