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In [13]: import pandas as pd
import numpy as np
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In [15]: df=pd.read_csv('D:\Project\Covid 19\HospitalBedsIndia.csv')
df.head(5)
```

Out[15]:

	Sno	State/UT	NumPrimaryHealthCenters_HMIS	NumCommunityHealthCenters_HMIS	NumSubDistrictHospitals_HMIS	NumDis
0	1	Andaman & Nicobar Islands	27	4		NaN
1	2	Andhra Pradesh	1417	198		31.0
2	3	Arunachal Pradesh	122	62		NaN
3	4	Assam	1007	166		14.0
4	5	Bihar	2007	63		33.0

```
In [16]: df.shape
```

Out[16]: (37, 12)

```
In [17]: df.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 37 entries, 0 to 36
Data columns (total 12 columns):
#   Column                                Non-Null Count  Dtype
---  -
0   Sno                                   37 non-null    int64
1   State/UT                             37 non-null    object
2   NumPrimaryHealthCenters_HMIS         37 non-null    object
3   NumCommunityHealthCenters_HMIS       37 non-null    int64
4   NumSubDistrictHospitals_HMIS         30 non-null    float64
5   NumDistrictHospitals_HMIS            37 non-null    int64
6   TotalPublicHealthFacilities_HMIS     37 non-null    int64
7   NumPublicBeds_HMIS                   37 non-null    int64
8   NumRuralHospitals_NHP18              37 non-null    int64
9   NumRuralBeds_NHP18                   37 non-null    int64
10  NumUrbanHospitals_NHP18              37 non-null    int64
11  NumUrbanBeds_NHP18                   37 non-null    int64
dtypes: float64(1), int64(9), object(2)
memory usage: 3.2+ KB
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In [18]: df.describe()
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Out[18]:

	Sno	NumCommunityHealthCenters_HMIS	NumSubDistrictHospitals_HMIS	NumDistrictHospitals_HMIS	TotalPublicHe
count	37.000000	37.000000	30.000000	37.000000	
mean	19.000000	300.972973	83.666667	54.216216	
std	10.824355	907.160512	229.572817	163.173584	
min	1.000000	2.000000	1.000000	1.000000	
25%	10.000000	17.000000	6.000000	9.000000	
50%	19.000000	82.000000	25.500000	23.000000	
75%	28.000000	229.000000	63.250000	37.000000	
max	37.000000	5568.000000	1255.000000	1003.000000	

```
In [19]: df.isnull().sum()
```

Out[19]:

Sno	0
State/UT	0
NumPrimaryHealthCenters_HMIS	0
NumCommunityHealthCenters_HMIS	0
NumSubDistrictHospitals_HMIS	7
NumDistrictHospitals_HMIS	0
TotalPublicHealthFacilities_HMIS	0
NumPublicBeds_HMIS	0
NumRuralHospitals_NHP18	0
NumRuralBeds_NHP18	0
NumUrbanHospitals_NHP18	0
NumUrbanBeds_NHP18	0
dtype: int64	

```
In [22]: df['NumSubDistrictHospitals_HMIS'].fillna(str(df['NumSubDistrictHospitals_HMIS'].mode().values[0]),inplace=True)
```

```
In [23]: df.isnull().sum()
```

Out[23]:

Sno	0
State/UT	0
NumPrimaryHealthCenters_HMIS	0
NumCommunityHealthCenters_HMIS	0
NumSubDistrictHospitals_HMIS	0
NumDistrictHospitals_HMIS	0
TotalPublicHealthFacilities_HMIS	0
NumPublicBeds_HMIS	0
NumRuralHospitals_NHP18	0
NumRuralBeds_NHP18	0
NumUrbanHospitals_NHP18	0
NumUrbanBeds_NHP18	0
dtype: int64	

```
In [24]: path=('D:\Project\Covid 19\HospitalBedsIndia.csv')
df.to_csv(path, index=False)
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In [ ]:
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