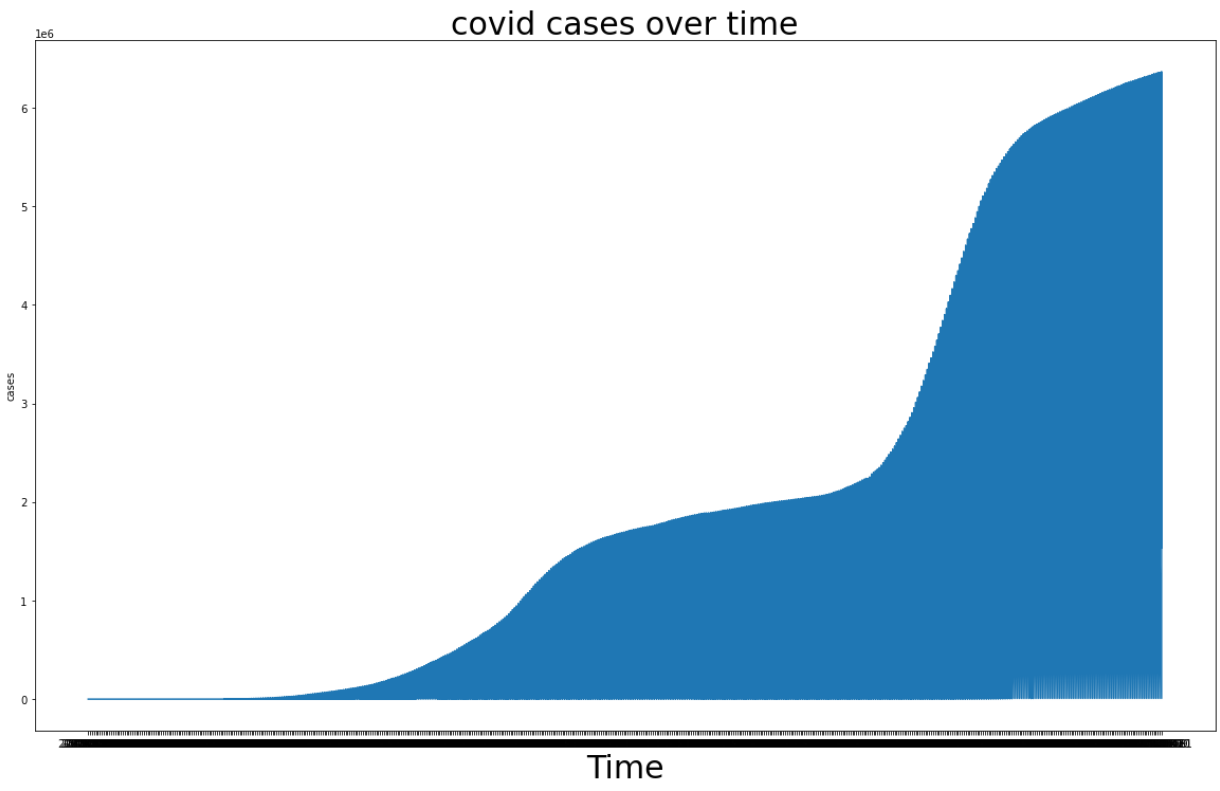
In [36]:
```
import pandas as pd
import seaborn as sns
import matplotlib. pyplot as plt
import numpy as ns
df = pd.read_csv( 'covid_19_india.csv')
```

In [37]:
```
print(df.info())
```

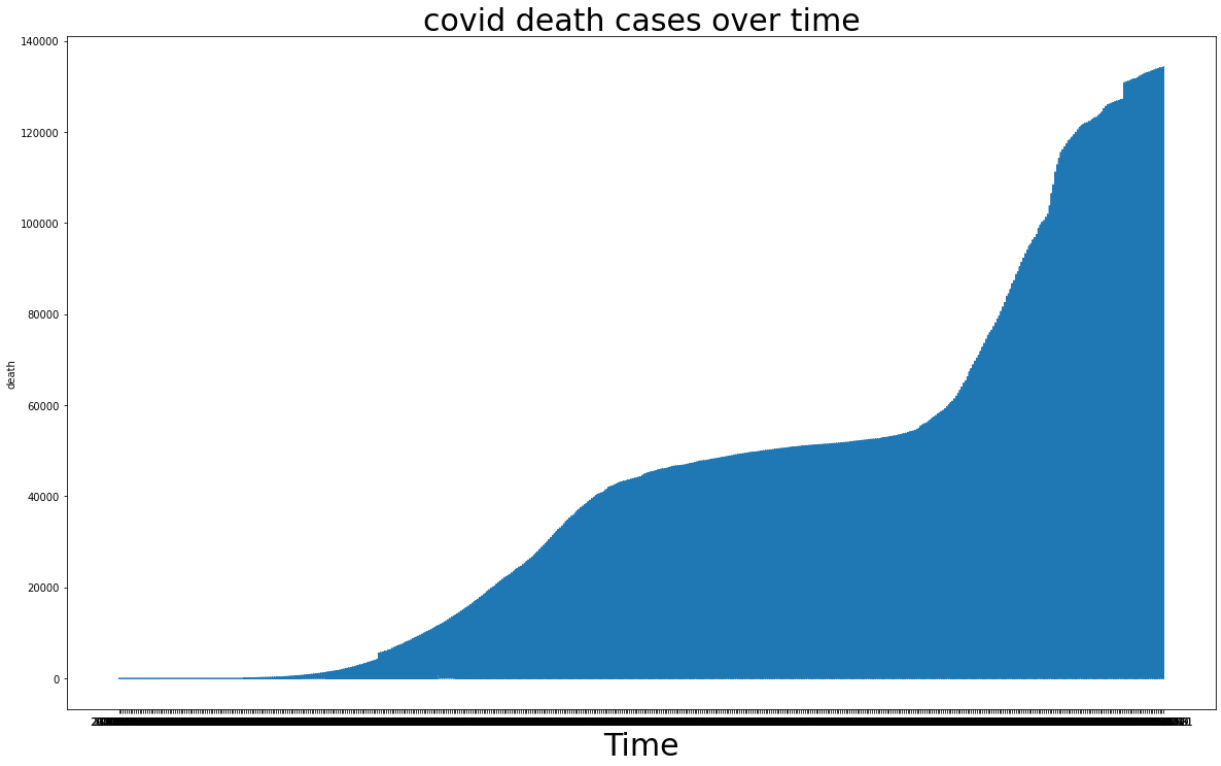
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 18110 entries, 0 to 18109
Data columns (total 9 columns):
 #   Column                    Non-Null Count  Dtype 
---  ------                    --------------  ----- 
 0   Sno                       18110 non-null  int64 
 1   Date                      18110 non-null  object
 2   Time                      18110 non-null  object
 3   State/UnionTerritory      18110 non-null  object
 4   ConfirmedIndianNational   18110 non-null  object
 5   ConfirmedForeignNational  18110 non-null  object
 6   Cured                     18110 non-null  int64 
 7   Deaths                    18110 non-null  int64 
 8   Confirmed                 18110 non-null  int64 
dtypes: int64(4), object(5)
memory usage: 1.2+ MB
None
```

In [38]:
```
import matplotlib. pyplot as plt
plt.figure(figsize=(20, 12))
plt.plot(df['Date'],df['Confirmed'])
plt.title('covid cases over time',size=30)
plt.xlabel( 'Time' ,size=30)
plt.ylabel( 'cases' ,size=10)
plt.show()
```



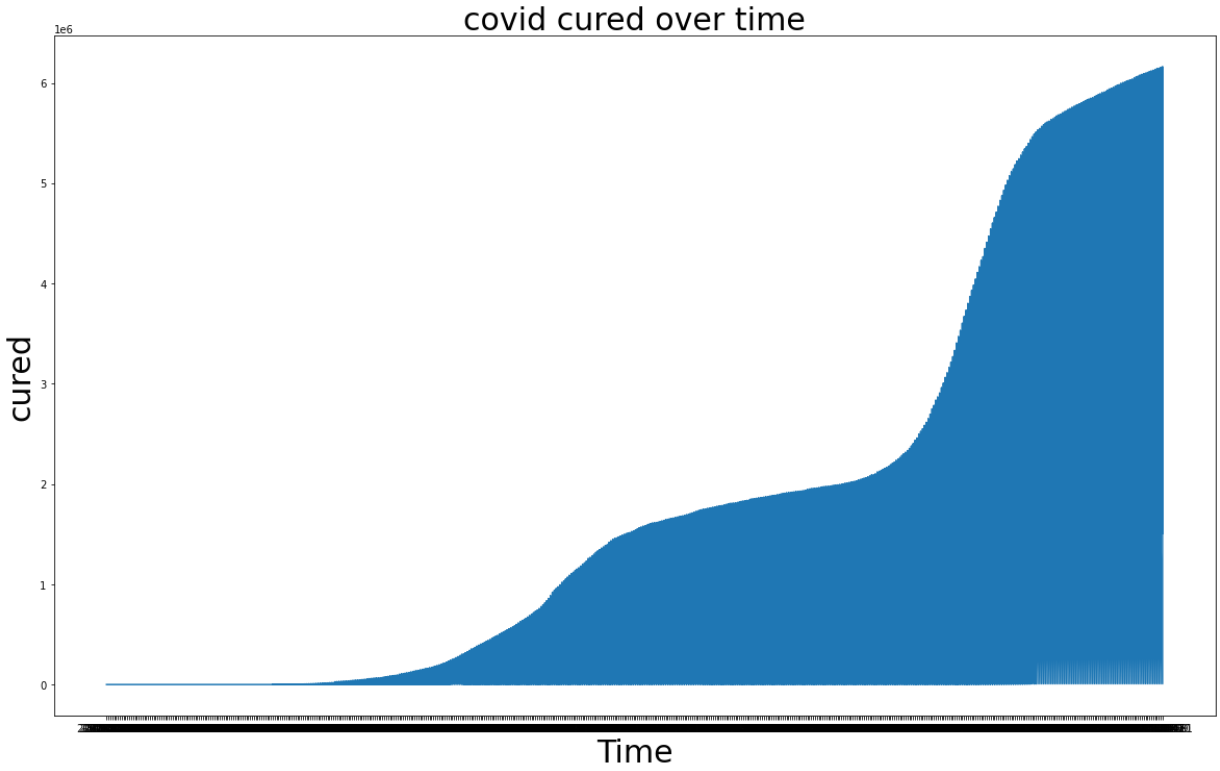

In [39]:

```
import matplotlib. pyplot as plt
plt.figure(figsize=(20, 12))
plt.plot(df['Date'],df['Deaths'])
plt.title('covid death cases over time',size=30)
plt.xlabel( 'Time' ,size=30)
plt.ylabel( 'death' ,size=10)
plt.show()
```




In [40]:

```
import matplotlib. pyplot as plt
plt.figure(figsize=(20, 12))
plt.plot(df['Date'],df['Cured'])
plt.title('covid cured over time',size=30)
plt.xlabel( 'Time' ,size=30)
plt.ylabel( 'cured' ,size=30)
plt.show()
```




In [41]:

```
import matplotlib. pyplot as plt
plt.figure(figsize=(50, 5))
plt.scatter(df['State/UnionTerritory'],df['Confirmed'])
```

Out[41]: <matplotlib.collections.PathCollection at 0x1a88eac53a0>