

In [1]:

```
import pandas as pd
```

In [4]:

```
data=pd.read_csv("/home/placement/Downloads/arunachal.csv")
data
```

Out[4]:

	Unnamed: 0	SUBDIVISION	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
0	110	ARUNACHAL PRADESH	1916	48.1	69.8	71.1	316.1	424.6	1124.9	NaN	629.7	3
1	111	ARUNACHAL PRADESH	1917	21.4	164.5	NaN	269.6	107.9	823.8	909.1	628.4	4
2	112	ARUNACHAL PRADESH	1918	10.4	11.0	191.2	144.6	861.1	1609.9	1303.0	692.6	5
3	113	ARUNACHAL PRADESH	1919	34.5	67.8	28.5	256.9	420.6	973.6	999.0	286.7	6
4	114	ARUNACHAL PRADESH	1920	14.0	196.3	605.6	364.7	173.6	840.6	535.4	896.5	3
...	...	...	...	...	...	...	...	...	...	...	...	
86	196	ARUNACHAL PRADESH	2005	48.4	167.6	229.5	195.3	179.8	269.3	430.8	400.0	2
87	197	ARUNACHAL PRADESH	2006	6.0	103.7	63.3	202.7	321.7	520.4	382.2	227.6	2
88	198	ARUNACHAL PRADESH	2007	13.4	97.4	48.1	292.4	250.4	530.2	761.0	364.6	5
89	199	ARUNACHAL PRADESH	2008	76.7	39.7	122.6	192.4	185.0	423.6	456.1	439.3	1
90	200	ARUNACHAL PRADESH	2009	18.0	92.8	72.1	132.7	189.9	259.1	329.9	370.3	1

91 rows × 20 columns



In [5]:

```
data.head()
```

Out[5]:

	Unnamed: 0	SUBDIVISION	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	S
0	110	ARUNACHAL PRADESH	1916	48.1	69.8	71.1	316.1	424.6	1124.9	NaN	629.7	33
1	111	ARUNACHAL PRADESH	1917	21.4	164.5	NaN	269.6	107.9	823.8	909.1	628.4	41
2	112	ARUNACHAL PRADESH	1918	10.4	11.0	191.2	144.6	861.1	1609.9	1303.0	692.6	51
3	113	ARUNACHAL PRADESH	1919	34.5	67.8	28.5	256.9	420.6	973.6	999.0	286.7	62
4	114	ARUNACHAL PRADESH	1920	14.0	196.3	605.6	364.7	173.6	840.6	535.4	896.5	37

In [6]:

```
list(data)
```

Out[6]:

```
[ 'Unnamed: 0' ,  
  'SUBDIVISION' ,  
  'YEAR' ,  
  'JAN' ,  
  'FEB' ,  
  'MAR' ,  
  'APR' ,  
  'MAY' ,  
  'JUN' ,  
  'JUL' ,  
  'AUG' ,  
  'SEP' ,  
  'OCT' ,  
  'NOV' ,  
  'DEC' ,  
  'ANNUAL' ,  
  'Jan-Feb' ,  
  'Mar-May' ,  
  'Jun-Sep' ,  
  'Oct-Dec' ]
```

In [7]:

data.info()

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 91 entries, 0 to 90
Data columns (total 20 columns):
#   Column                Non-Null Count  Dtype
---  -
0   Unnamed: 0            91 non-null    int64
1   SUBDIVISION           91 non-null    object
2   YEAR                  91 non-null    int64
3   JAN                   90 non-null    float64
4   FEB                   90 non-null    float64
5   MAR                   89 non-null    float64
6   APR                   91 non-null    float64
7   MAY                   91 non-null    float64
8   JUN                   90 non-null    float64
9   JUL                   90 non-null    float64
10  AUG                   91 non-null    float64
11  SEP                   91 non-null    float64
12  OCT                   89 non-null    float64
13  NOV                   89 non-null    float64
14  DEC                   89 non-null    float64
15  ANNUAL                85 non-null    float64
16  Jan-Feb               90 non-null    float64
17  Mar-May               89 non-null    float64
18  Jun-Sep               89 non-null    float64
19  Oct-Dec               88 non-null    float64
dtypes: float64(17), int64(2), object(1)
memory usage: 14.3+ KB
```

In [8]:

data.isna().sum()

Out[8]:

```
Unnamed: 0      0
SUBDIVISION     0
YEAR            0
JAN             1
FEB             1
MAR             2
APR             0
MAY             0
JUN             1
JUL             1
AUG             0
SEP             0
OCT             2
NOV             2
DEC             2
ANNUAL          6
Jan-Feb        1
Mar-May        2
Jun-Sep        2
Oct-Dec        3
dtype: int64
```

In [ ]: