# Vijay(Book1) 04/08/2023

#### Out[3]:

	index	SUBDIVISION	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	(
0	4002	LAKSHADWEEP	1901	22.6	86.4	114.8	263.8	37.3	459.0	0.0	0.0	46.7	1
1	4003	LAKSHADWEEP	1902	99.3	9.6	32.6	40.4	179.1	374.2	413.3	170.0	214.3	3
2	4004	LAKSHADWEEP	1903	63.5	95.0	0.0	29.5	144.1	212.4	261.8	202.0	292.1	
3	4005	LAKSHADWEEP	1904	0.0	0.0	13.5	13.2	143.3	261.3	256.0	38.9	219.9	1
4	4006	LAKSHADWEEP	1905	62.4	0.0	0.0	0.0	166.7	400.7	68.7	377.5	107.5	2
109	4111	LAKSHADWEEP	2011	5.1	2.8	3.1	85.9	107.2	153.6	350.2	254.0	255.2	1
110	4112	LAKSHADWEEP	2012	19.2	0.1	1.6	76.8	21.2	327.0	231.5	381.2	179.8	1
111	4113	LAKSHADWEEP	2013	26.2	34.4	37.5	5.3	88.3	426.2	296.4	154.4	180.0	
112	4114	LAKSHADWEEP	2014	53.2	16.1	4.4	14.9	57.4	244.1	116.1	466.1	132.2	1
113	4115	LAKSHADWEEP	2015	2.2	0.5	3.7	87.1	133.1	296.6	257.5	146.4	160.4	1

114 rows × 20 columns

```
In [4]: 1 a.info()
```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 114 entries, 0 to 113
Data columns (total 20 columns):

#	Column	Non-Null Count	t Dtype					
0	index	114 non-null	int64					
1	SUBDIVISION	114 non-null	object					
2	YEAR	114 non-null	int64					
3	JAN	112 non-null	float64					
4	FEB	113 non-null	float64					
5	MAR	112 non-null	float64					
6	APR	112 non-null	float64					
7	MAY	112 non-null	float64					
8	JUN	112 non-null	float64					
9	JUL	111 non-null	float64					
10	AUG	112 non-null	float64					
11	SEP	111 non-null	float64					
12	OCT	111 non-null	float64					
13	NOV	108 non-null	float64					
14	DEC	110 non-null	float64					
15	ANNUAL	103 non-null	float64					
16	Jan-Feb	111 non-null	float64					
17	Mar-May	110 non-null	float64					
18	Jun-Sep	110 non-null	float64					
19	Oct-Dec	108 non-null	float64					
<pre>dtypes: float64(17), int64(2), object(1)</pre>								
memory usage: 17.9+ KB								

memory abagor zviii iiz

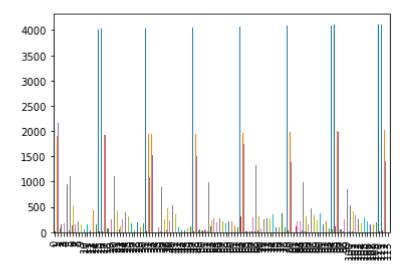
### Out[5]:

	index	SUBDIVISION	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	(
0	4002	LAKSHADWEEP	1901	22.6	86.4	114.8	263.8	37.3	459.0	0.0	0.0	46.7	1
1	4003	LAKSHADWEEP	1902	99.3	9.6	32.6	40.4	179.1	374.2	413.3	170.0	214.3	3
2	4004	LAKSHADWEEP	1903	63.5	95.0	0.0	29.5	144.1	212.4	261.8	202.0	292.1	
3	4005	LAKSHADWEEP	1904	0.0	0.0	13.5	13.2	143.3	261.3	256.0	38.9	219.9	1
4	4006	LAKSHADWEEP	1905	62.4	0.0	0.0	0.0	166.7	400.7	68.7	377.5	107.5	2
109	4111	LAKSHADWEEP	2011	5.1	2.8	3.1	85.9	107.2	153.6	350.2	254.0	255.2	1
110	4112	LAKSHADWEEP	2012	19.2	0.1	1.6	76.8	21.2	327.0	231.5	381.2	179.8	1
111	4113	LAKSHADWEEP	2013	26.2	34.4	37.5	5.3	88.3	426.2	296.4	154.4	180.0	
112	4114	LAKSHADWEEP	2014	53.2	16.1	4.4	14.9	57.4	244.1	116.1	466.1	132.2	1
113	4115	LAKSHADWEEP	2015	2.2	0.5	3.7	87.1	133.1	296.6	257.5	146.4	160.4	1

114 rows × 20 columns

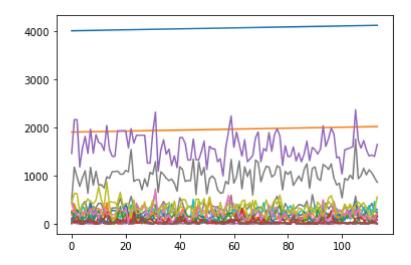
In [6]: 1 b.plot.bar(legend=None)

## Out[6]: <AxesSubplot:>



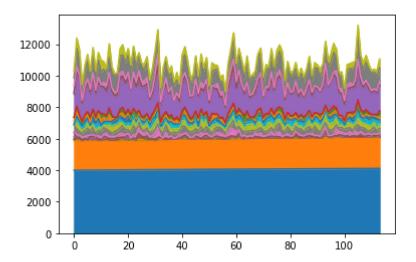
In [7]: 1 b.plot.line(legend=None)

## Out[7]: <AxesSubplot:>



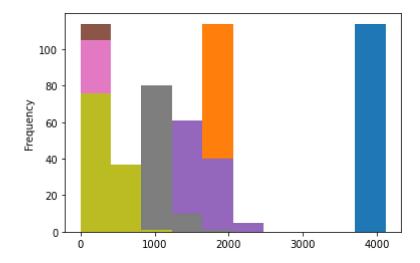
In [8]: 1 b.plot.area(legend=None)

Out[8]: <AxesSubplot:>



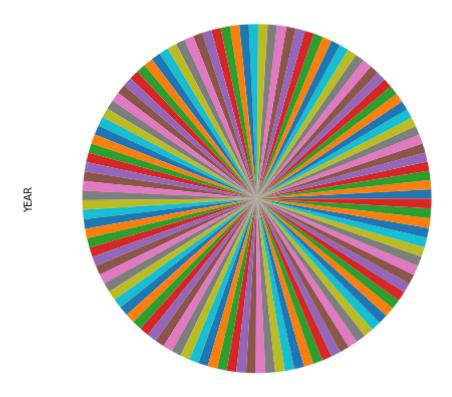
In [9]: 1 b.plot.hist(legend=None)

Out[9]: <AxesSubplot:ylabel='Frequency'>



In [10]: 1 b.plot.pie(y='YEAR',figsize=(8,8),labels=None,legend=None)

Out[10]: <AxesSubplot:ylabel='YEAR'>



In [ ]: 1