In [1]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

In [3]:
```
path=r'C:\Users\Jayanth\Data science\EDA\Visadataset.csv'
```

In [4]:
```
pd.read_csv(path)
```

Out[4]:

	case_id	continent	education_of_employee	has_job_experience	requires_job_training
0	EZYV01	Asia	High School	N	N
1	EZYV02	Asia	Master's	Y	N
2	EZYV03	Asia	Bachelor's	N	Y
3	EZYV04	Asia	Bachelor's	N	N
4	EZYV05	Africa	Master's	Y	N
...	...	...	...	...	...
25475	EZYV25476	Asia	Bachelor's	Y	Y
25476	EZYV25477	Asia	High School	Y	N
25477	EZYV25478	Asia	Master's	Y	N
25478	EZYV25479	Asia	Master's	Y	Y
25479	EZYV25480	Asia	Bachelor's	Y	N

25480 rows × 12 columns

In [5]:
```
path=r"C:\Users\Jayanth\Data science\python sheets\bank.csv"
pd.read_csv(path)
```

Out[5]:

	age;"job";"marital";"education";"default";"balance";"housing";"loan";"contact";"day";"month";"c
0	
1	
2	
3	
4	
...	
4516	
4517	
4518	
4519	
4520	

4521 rows × 1 columns

In [6]:
```
pd.read_csv(path,
            sep=';')
```

Out[6]:

	age	job	marital	education	default	balance	housing	loan	contact	day	mon
0	30	unemployed	married	primary	no	1787	no	no	cellular	19	c
1	33	services	married	secondary	no	4789	yes	yes	cellular	11	m
2	35	management	single	tertiary	no	1350	yes	no	cellular	16	a
3	30	management	married	tertiary	no	1476	yes	yes	unknown	3	j
4	59	blue-collar	married	secondary	no	0	yes	no	unknown	5	m
...	...	...	...	...	...	...	...	...	...	...	
4516	33	services	married	secondary	no	-333	yes	no	cellular	30	
4517	57	self-employed	married	tertiary	yes	-3313	yes	yes	unknown	9	m
4518	57	technician	married	secondary	no	295	no	no	cellular	19	a
4519	28	blue-collar	married	secondary	no	1137	no	no	cellular	6	f
4520	44	entrepreneur	single	tertiary	no	1136	yes	yes	cellular	3	a

4521 rows × 17 columns

In [7]:
```
name=['Ramesh','Suresh','Sathish']
age=[30,35,40]
name,age
```

Out[7]:
```
(['Ramesh', 'Suresh', 'Sathish'], [30, 35, 40])
```

In [8]:
```
pd.DataFrame()
```

Out[8]:

—

In [9]:
```
pd.DataFrame(zip(name,age))
```

Out[9]:

	0	1
0	Ramesh	30
1	Suresh	35
2	Sathish	40

In [10]:
```
data=zip(name,age)
cols=['Name','Age']
pd.DataFrame(data,columns=cols)
```

Out[10]:

	Name	Age
0	Ramesh	30
1	Suresh	35
2	Sathish	40

In [11]:
```
data=zip(name,age)
cols=['Name','Age']
ind=['n1','n2','n3']
pd.DataFrame(data,
             columns=cols,
            index=ind)
```

Out[11]:

	Name	Age
n1	Ramesh	30
n2	Suresh	35
n3	Sathish	40

In [12]:
```
name=['Ramesh','Suresh','Sathish']
age=[30,35,40]

data=zip(name,age)
cols=['Name','Age']
ind=['A','B','C']
df=pd.DataFrame(data,columns=cols,index=ind)
df
```

Out[12]:

	Name	Age
A	Ramesh	30
B	Suresh	35
C	Sathish	40

In [13]:
```
city_names=['Hyd','Blr','Chennai']
df['city']=city_names
df
```

Out[13]:

	Name	Age	city
A	Ramesh	30	Hyd
B	Suresh	35	Blr
C	Sathish	40	Chennai

In [14]:
```
df['Name']=['shiva','vishnu','bhrama']
df
```

Out[14]:

	Name	Age	city
A	shiva	30	Hyd
B	vishnu	35	Blr
C	bhrama	40	Chennai

In [ ]:
```
df.drop('city', # column name
        axis=1, # Column
       inplace=True)
```

In [18]:
```
df
```

Out[18]:

	Name	Age
A	shiva	30
B	vishnu	35
C	bhrama	40

In [19]:
```
df.drop('A',
        axis=0,
       inplace=True)
df
```

Out[19]:

	Name	Age
B	vishnu	35
C	bhrama	40

In [20]:
```
df.to_csv("output.csv")
```

In [21]:
```
pd.read_csv("output.csv")
```

Out[21]:

	Unnamed: 0	Name	Age
0	B	vishnu	35
1	C	bhrama	40

In [22]:
```
df.to_csv("output.csv",index=False)
```

In [23]:
```
pd.read_csv("output.csv")
```

Out[23]:

	Name	Age
0	vishnu	35
1	bhrama	40

In [25]:
```
d1={"NAME":['varaha','narasimha','kurma'],
   "AGE":[30,35,40]}

pd.DataFrame(d1)
```

Out[25]:

	NAME	AGE
0	varaha	30
1	narasimha	35
2	kurma	40

In [ ]:
```

```