In [2]:
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

In [4]:
```
df = pd.read_csv(r'C:\Users\Lenovo\Desktop\SURAJ TASK DATASET\bank.csv')
df.head()
```

Out[4]:

	age;"job";"marital";"education";"default";"balance";"housing";"loan";"contact";"day";"mo
0	
1	
2	
3	
4	

In [7]:
```
df.tail()
```

Out[7]:

	age;"job";"marital";"education";"default";"balance";"housing";"loan";"contact";"day";
4516	
4517	
4518	
4519	
4520	

In [8]:
```
df.shape
```

Out[8]:
```
(4521, 1)
```

In [9]:
```
df.columns
```

Out[9]:
```
Index(['age;"job";"marital";"education";"default";"balance";"housing";"loan";"c
ontact";"day";"month";"duration";"campaign";"pdays";"previous";"poutcom
e";"y"'], dtype='object')
```

In [10]:
```
 df.columns
```

Out[10]:
```
Index(['age;"job";"marital";"education";"default";"balance";"housing";"loan";"c
ontact";"day";"month";"duration";"campaign";"pdays";"previous";"poutcom
e";"y"'], dtype='object')
```

In [11]:
```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4521 entries, 0 to 4520
Data columns (total 1 columns):
 #   Column
Non-Null Count  Dtype
---  ------
--------------  -----
 0   age;"job";"marital";"education";"default";"balance";"housing";"loan";"contac
t";"day";"month";"duration";"campaign";"pdays";"previous";"poutcome";"y"  4521 no
n-null   object
dtypes: object(1)
memory usage: 35.4+ KB
```

In [12]:
```
df.describe()
```

Out[12]:

	age;"job";"marital";"education";"default";"balance";"housing";"loan";"contact";"day
count	
unique	
top	
freq	

In [13]:
```
df.isnull().sum()
```

Out[13]:
```
age;"job";"marital";"education";"default";"balance";"housing";"loan";"contac
t";"day";"month";"duration";"campaign";"pdays";"previous";"poutcome";"y"    0
dtype: int64
```