

```
In [3]: import pandas as pd
```

```
In [5]: data=pd.read_csv(r'D:\datascience&AI notes\recruitment_data.csv')
```

```
In [ ]:
```

```
In [7]: data
```

Out[7]:

	Applicant ID	Application Date	First Name	Last Name	Gender	Date of Birth	Phone Number	
0	1001	03-Jun-23	Scott	Sheppard	Male	31-08-1992	421-429-7655x39421	
1	1002	15-May-23	Stanley	Lewis	Male	29-04-1965	+1-451-574-5308x1681	
2	1003	04-Aug-23	Javier	Li	Female	10-03-1973	(858)901-5499	katien
3	1004	28-Jul-23	Christopher	Johnston	Other	04-04-2001	(853)681-1839x2010	
4	1005	05-Jun-23	Melissa	Hicks	Other	17-06-1978	364-575-8478x67812	emi
...	...	...	...	...	...	...	...	
2995	3996	18-May-23	Melinda	Butler	Male	25-11-1993	001-324-747-3549x4392	
2996	3997	12-Jul-23	Latasha	Johnson	Male	29-01-1978	(870)454-9481x49987	
2997	3998	19-Jun-23	Cheryl	Gill	Other	08-02-2000	001-847-873-3665	
2998	3999	16-May-23	Danielle	Villegas	Female	08-08-1994	(385)467-6434x67311	alva
2999	4000	07-Jul-23	Charles	Hernandez	Female	01-06-1980	(772)767-2580	mu

3000 rows × 18 columns

In [9]:

```
data.columns
```

```
Out[9]: Index(['Applicant ID', 'Application Date', 'First Name', 'Last Name', 'Gender',  
             'Date of Birth', 'Phone Number', 'Email', 'Address', 'City', 'State',  
             'Zip Code', 'Country', 'Education Level', 'Years of Experience',  
             'Desired Salary', 'Job Title', 'Status'],  
            dtype='object')
```

```
In [11]: data['Address']
```

```
Out[11]: 0          597 Smith Point  
         1          8116 Stuart Loop  
         2      5940 Barr Villages Suite 075  
         3          442 Lewis Mount  
         4      95961 Taylor Circles Apt. 169  
         ...  
        2995      1307 Stephen Walk Apt. 998  
        2996          2945 Morse Wells  
        2997      36716 Kevin Locks Suite 422  
        2998          0983 Jeremy Burgs  
        2999          146 Cheryl Highway  
        Name: Address, Length: 3000, dtype: object
```

```
In [13]: data['Date of Birth']
```

```
Out[13]: 0      31-08-1992  
         1      29-04-1965  
         2      10-03-1973  
         3      04-04-2001  
         4      17-06-1978  
         ...  
        2995      25-11-1993  
        2996      29-01-1978  
        2997      08-02-2000  
        2998      08-08-1994  
        2999      01-06-1980  
        Name: Date of Birth, Length: 3000, dtype: object
```

```
In [19]: data_address=data['Address'].str.split(r',',expand=True)  
         data_address
```

Out[19]:

0

0	597 Smith Point
1	8116 Stuart Loop
2	5940 Barr Villages Suite 075
3	442 Lewis Mount
4	95961 Taylor Circles Apt. 169
...	...
2995	1307 Stephen Walk Apt. 998
2996	2945 Morse Wells
2997	36716 Kevin Locks Suite 422
2998	0983 Jeremy Burgs
2999	146 Cheryl Highway

3000 rows × 1 columns

```
In [29]: data_date=data['Date of Birth'].str.split(r'-',expand=True)
data_date
```

Out[29]:

	0	1	2
0	31	08	1992
1	29	04	1965
2	10	03	1973
3	04	04	2001
4	17	06	1978
...	...	...	...
2995	25	11	1993
2996	29	01	1978
2997	08	02	2000
2998	08	08	1994
2999	01	06	1980

3000 rows × 3 columns

```
In [31]: data_date.columns=['date','month','year']
data_date
```

Out[31]:

	date	month	year
0	31	08	1992
1	29	04	1965
2	10	03	1973
3	04	04	2001
4	17	06	1978
...	...	...	...
2995	25	11	1993
2996	29	01	1978
2997	08	02	2000
2998	08	08	1994
2999	01	06	1980

3000 rows × 3 columns

In [ ]: