DATA INTEGRATION

In [1]:
```
import pandas as pd
```

In [4]:
```
df1=pd.read_csv(r'C:\Users\Vineeta Shrivastava\Downloads\archive (1)\student.csv')
df1
```

Out[4]:

	s.no	Student_id	Marks	City
0	1	100	95	Delhi
1	2	200	80	Mumbai
2	3	300	87	Kolkata
3	4	350	82	Pune
4	5	400	85	Banglore
5	6	450	91	Bhopla
6	7	500	94	Chennai
7	8	550	92	Kolkata
8	9	600	89	Pune
9	10	650	79	Banglore

In [5]:
```
df2=pd.read_csv(r'C:\Users\Vineeta Shrivastava\Downloads\archive (1)\marks.csv')
df2
```

Out[5]:

	s.no	Student_id	Age	Gender	Grade	Employed
0	1	100	95	Male	A	yes
1	2	200	80	Female	A+	no
2	3	300	87	Male	A+	yes
3	4	350	82	Female	A	yes
4	5	400	85	Male	A+	no no
5	6	450	91	Female	A	yes
6	7	500	94	Male	A+	yes
7	8	550	92	Female	A	no
8	9	600	89	Male	A+	yes
9	10	650	79	Female	A+	yes

In [6]:
```
df1.describe()
```

Out[6]:

	s.no	Student_id	Marks
count	10.00000	10.000000	10.000000
mean	5.50000	410.000000	87.400000
std	3.02765	176.068169	5.758086
min	1.00000	100.000000	79.000000
25%	3.25000	312.500000	82.750000
50%	5.50000	425.000000	88.000000
75%	7.75000	537.500000	91.750000
max	10.00000	650.000000	95.000000

In [8]:
```
df3 = pd.merge(df1, df2, on = 'Student_id')
df3
```

Out[8]:

	s.no_x	Student_id	Marks	City	s.no_y	Age	Gender	Grade	Employed
0	1	100	95	Delhi	1	95	Male	A	yes
1	2	200	80	Mumbai	2	80	Female	A+	no
2	3	300	87	Kolkata	3	87	Male	A+	yes
3	4	350	82	Pune	4	82	Female	A	yes
4	5	400	85	Banglore	5	85	Male	A+	no no
5	6	450	91	Bhopla	6	91	Female	A	yes
6	7	500	94	Chennai	7	94	Male	A+	yes
7	8	550	92	Kolkata	8	92	Female	A	no
8	9	600	89	Pune	9	89	Male	A+	yes
9	10	650	79	Banglore	10	79	Female	A+	yes

In [ ]:
```

```