Data Acquisation

Data Acquisation = Data read

In [1]:
```
# Aim : TO perform operation of data acquisation
```

In [2]:
```
# Name : Shruti Dhote
# Roll no : 72
# Sec: A
# Subject : ET1
# Date :19/07/2024
```

In [3]:
```
#importing the basic library
import pandas as pd
```

In [4]:
```
import os
```

In [5]:
```
os.getcwd()
```

Out[5]:
```
'C:\\Users\\SURUTI DHOTE'
```

In [6]:
```
os.chdir('C:\\Users\\SURUTI DHOTE\\DESKTOP')
```

In [7]:
```
data = pd.read_csv("diabetes.csv")
```

In [8]:
```
data.head()
```

Out[8]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	A
0	6	148	72	35	0	33.6	0.627	
1	1	85	66	29	0	26.6	0.351	
2	8	183	64	0	0	23.3	0.672	
3	1	89	66	23	94	28.1	0.167	
4	0	137	40	35	168	43.1	2.288	

In [9]:
```
data.tail()
```

Out[9]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction
763	10	101	76	48	180	32.9	0.171
764	2	122	70	27	0	36.8	0.340
765	5	121	72	23	112	26.2	0.245
766	1	126	60	0	0	30.1	0.349
767	1	93	70	31	0	30.4	0.315

In [10]:
```
data.head(20)
```

Out[10]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction
0	6	148	72	35	0	33.6	0.627
1	1	85	66	29	0	26.6	0.351
2	8	183	64	0	0	23.3	0.672
3	1	89	66	23	94	28.1	0.167
4	0	137	40	35	168	43.1	2.288
5	5	116	74	0	0	25.6	0.201
6	3	78	50	32	88	31.0	0.248
7	10	115	0	0	0	35.3	0.134
8	2	197	70	45	543	30.5	0.158
9	8	125	96	0	0	0.0	0.232
10	4	110	92	0	0	37.6	0.191
11	10	168	74	0	0	38.0	0.537
12	10	139	80	0	0	27.1	1.441
13	1	189	60	23	846	30.1	0.398
14	5	166	72	19	175	25.8	0.587
15	7	100	0	0	0	30.0	0.484
16	0	118	84	47	230	45.8	0.551
17	7	107	74	0	0	29.6	0.254
18	1	103	30	38	83	43.3	0.183
19	1	115	70	30	96	34.6	0.529