Data Acquisition

Data Acquisition = Data Read

In [1]: `#Exp no.:1`

In [2]: `#Aim: To perform operation on Data Acquisition`

In [3]:
```
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#Sec: B
#Subject: Data Science and Statistics (Lab 1)
#Date: 25/07/2023
```

In [4]:
```python
#importing the basic library
import pandas as pd
```

In [5]:
```python
import os
```

In [6]:
```python
os.getcwd()
```

Out[6]: `'C:\\Users\\hp\\Downloads'`

In [7]:
```python
os.chdir('C:\\Users\\hp\\Desktop')
```

In [8]:
```python
data=pd.read_csv("diabetes.csv")
```

In [9]:
```python
data.head()
```

Out[9]:

	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

In [10]: `data.tail()`

Out[10]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunctio
763	10	101	76	48	180	32.9	0.17
764	2	122	70	27	0	36.8	0.34
765	5	121	72	23	112	26.2	0.24
766	1	126	60	0	0	30.1	0.34
767	1	93	70	31	0	30.4	0.31

In [11]: `data.head(12)`

Out[11]:

	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