In [1]:
```
# Experiment No:2
```

In [2]:
```
# Aim: Data Acquisition using Pandas
```

In [3]:
```
# Name: Shravani Narendra Mahalle
```

In [4]:
```
# Class: 3rd year(B)
```

In [5]:
```
# Roll No: 17
```

In [6]:
```
# Date: 12/07/24
```

In [7]:
```
import pandas as pd
```

In [8]:
```
import os
```

In [9]:
```
os.getcwd()
```

Out[9]:
```
'C:\\Users\\hp'
```

In [10]:
```
os.chdir('C:\\Users\\hp\\OneDrive\\Desktop')
```

In [11]:
```
data=pd.read_csv("diabetes.csv")
```

In [14]:
```
data.head(10)
```

Out[14]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
0	6	148	72	35	0	33.6	0.627	50	1
1	1	85	66	29	0	26.6	0.351	31	0
2	8	183	64	0	0	23.3	0.672	32	1
3	1	89	66	23	94	28.1	0.167	21	0
4	0	137	40	35	168	43.1	2.288	33	1
5	5	116	74	0	0	25.6	0.201	30	0
6	3	78	50	32	88	31.0	0.248	26	1
7	10	115	0	0	0	35.3	0.134	29	0
8	2	197	70	45	543	30.5	0.158	53	1
9	8	125	96	0	0	0.0	0.232	54	1

In [15]:
```
data.tail()
```

Out[15]:

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
763	10	101	76	48	180	32.9	0.171	63	0
764	2	122	70	27	0	36.8	0.340	27	0
765	5	121	72	23	112	26.2	0.245	30	0
766	1	126	60	0	0	30.1	0.349	47	1
767	1	93	70	31	0	30.4	0.315	23	0

In [17]:
```
data.shape
```

Out[17]:
```
(768, 9)
```

In [18]:
```
data.size
```

Out[18]:
```
6912
```

In [19]:
```
data.ndim
```

Out[19]:
```
2
```

In [20]:
```
data.columns
```

Out[20]:
```
Index(['Pregnancies', 'Glucose', 'BloodPressure', 'SkinThickness', 'Insulin',
       'BMI', 'DiabetesPedigreeFunction', 'Age', 'Outcome'],
      dtype='object')
```

In [ ]:
```

```