Data Acquisition

```python
# Aim : TO perform operation of data acquisation

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# Roll no :08
# Sec: C
# Subject : ET1
# Date :19/07/2024

import pandas as pd

import os

os.getcwd()

'C:\\Users\\HP\\DESKTOP'

os.chdir('C:\\Users\\HP\\DESKTOP')

data = pd.read_csv("diabetes.csv")

data.head()
```

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

	DiabetesPedigreeFunction	Age	Outcome
0	0.627	50	1
1	0.351	31	0
2	0.672	32	1
3	0.167	21	0
4	2.288	33	1

```python
data.tail()
```

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI \
763	10	101	76	48	180	32.9

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI
764	2	122	70	27	0	36.8
765	5	121	72	23	112	26.2
766	1	126	60	0	0	30.1
767	1	93	70	31	0	30.4

	DiabetesPedigreeFunction	Age	Outcome
763	0.171	63	0
764	0.340	27	0
765	0.245	30	0
766	0.349	47	1
767	0.315	23	0

```
data.head(20)
```

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI
0	6	148	72	35	0	33.6
1	1	85	66	29	0	26.6
2	8	183	64	0	0	23.3
3	1	89	66	23	94	28.1
4	0	137	40	35	168	43.1
5	5	116	74	0	0	25.6
6	3	78	50	32	88	31.0
7	10	115	0	0	0	35.3
8	2	197	70	45	543	30.5
9	8	125	96	0	0	0.0
10	4	110	92	0	0	37.6
11	10	168	74	0	0	38.0
12	10	139	80	0	0	27.1
13	1	189	60	23	846	30.1
14	5	166	72	19	175	25.8
15	7	100	0	0	0	30.0

16	0	118	84	47	230	45.8
17	7	107	74	0	0	29.6
18	1	103	30	38	83	43.3
19	1	115	70	30	96	34.6

	DiabetesPedigreeFunction	Age	Outcome
0	0.627	50	1
1	0.351	31	0
2	0.672	32	1
3	0.167	21	0
4	2.288	33	1
5	0.201	30	0
6	0.248	26	1
7	0.134	29	0
8	0.158	53	1
9	0.232	54	1
10	0.191	30	0
11	0.537	34	1
12	1.441	57	0
13	0.398	59	1
14	0.587	51	1
15	0.484	32	1
16	0.551	31	1
17	0.254	31	1
18	0.183	33	0
19	0.529	32	1