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1 Data Acquisation

Data Acquisation = Data read

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

[1]:
```
# Name : Ritika Rajesh Junekar
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# Sec: C
# Subject : ET1
```

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

[5]:
```
import os
```

[7]:
```
os.getcwd()
```

[7]:
```
'C:\\Users\\USER'
```

[21]:
```
os.chdir('C:\\Users\\USER\\DESKTOP')
```

[25]:
```
data = pd.read_csv("diabetes.csv")
```

[27]:
```
data.head()
```

[27]:

	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
```

[29]:
```
data.tail()
```

[29]:
```
     Pregnancies  Glucose  BloodPressure  SkinThickness  Insulin   BMI  \
763           10      101             76             48      180  32.9
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
```

[31]:
```
data.head(20)
```

[31]:
```
    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

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