

```
In [ ]: "C:\Users\DELL\Downloads\archive\diabetes.csv"
```

```
In [1]: "C:\Users\DELL\Downloads\archive\diabetes.csv"
```

Cell In[1], line 1

```
"C:\Users\DELL\Downloads\archive\diabetes.csv"
```

SyntaxError: (unicode error) 'unicodeescape' codec can't decode bytes in position 2-3: truncated \UXXXXXXXX escape

```
In [5]: import pandas as pd
```

#Load the dataset

```
diabetes_df=pd.read_csv(r"C:\Users\DELL\Downloads\archive\diabetes.csv")
```

#Display the first few rows

```
print(diabetes_df.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

```
In [6]: print(db.head())
```

NameError Traceback (most recent call last)

Cell In[6], line 1

```
----> 1 print(db.head())
```

NameError: name 'db' is not defined

```
In [8]: import pandas as pd
```

```
data=pd.read_csv(r"C:\Users\DELL\Downloads\archive\diabetes.csv")
```

```
print(data)
```

```
data.plot()
```

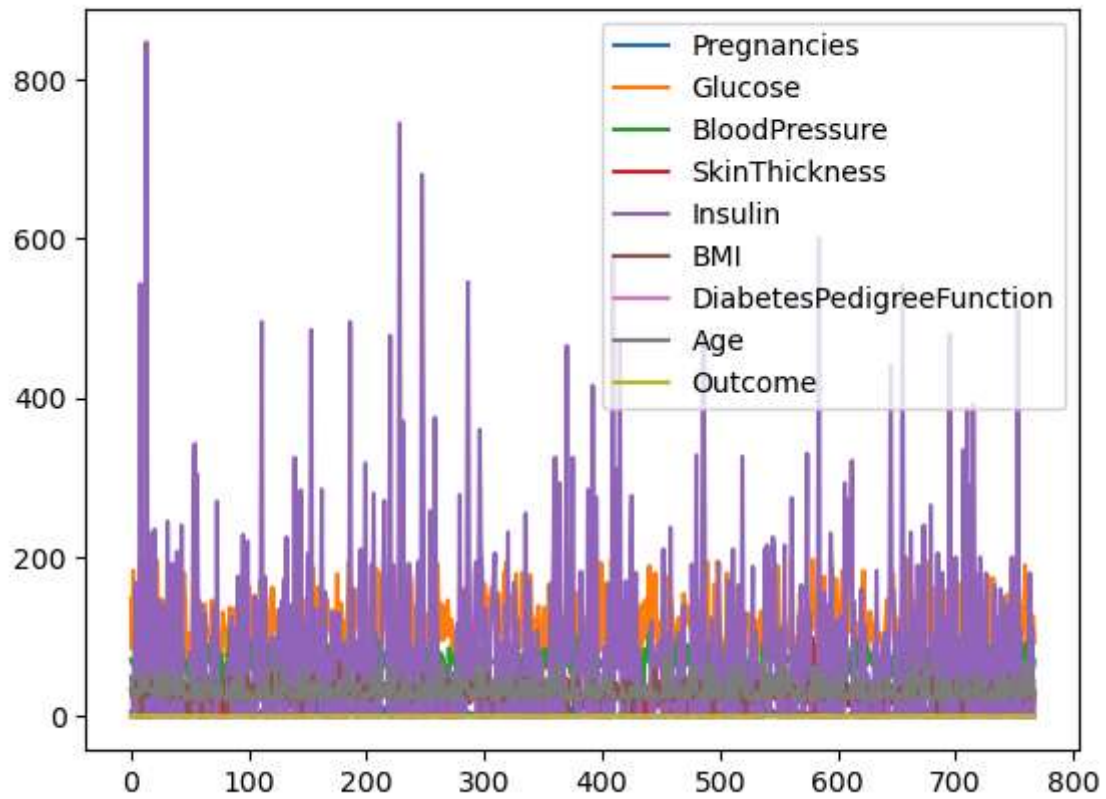
```
data.head()
```

	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	
..	
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
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
..
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

[768 rows x 9 columns]

Out[8]:	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age
0	6	148	72	35	0	33.6	0.627	50
1	1	85	66	29	0	26.6	0.351	31
2	8	183	64	0	0	23.3	0.672	32
3	1	89	66	23	94	28.1	0.167	21
4	0	137	40	35	168	43.1	2.288	33



In []: