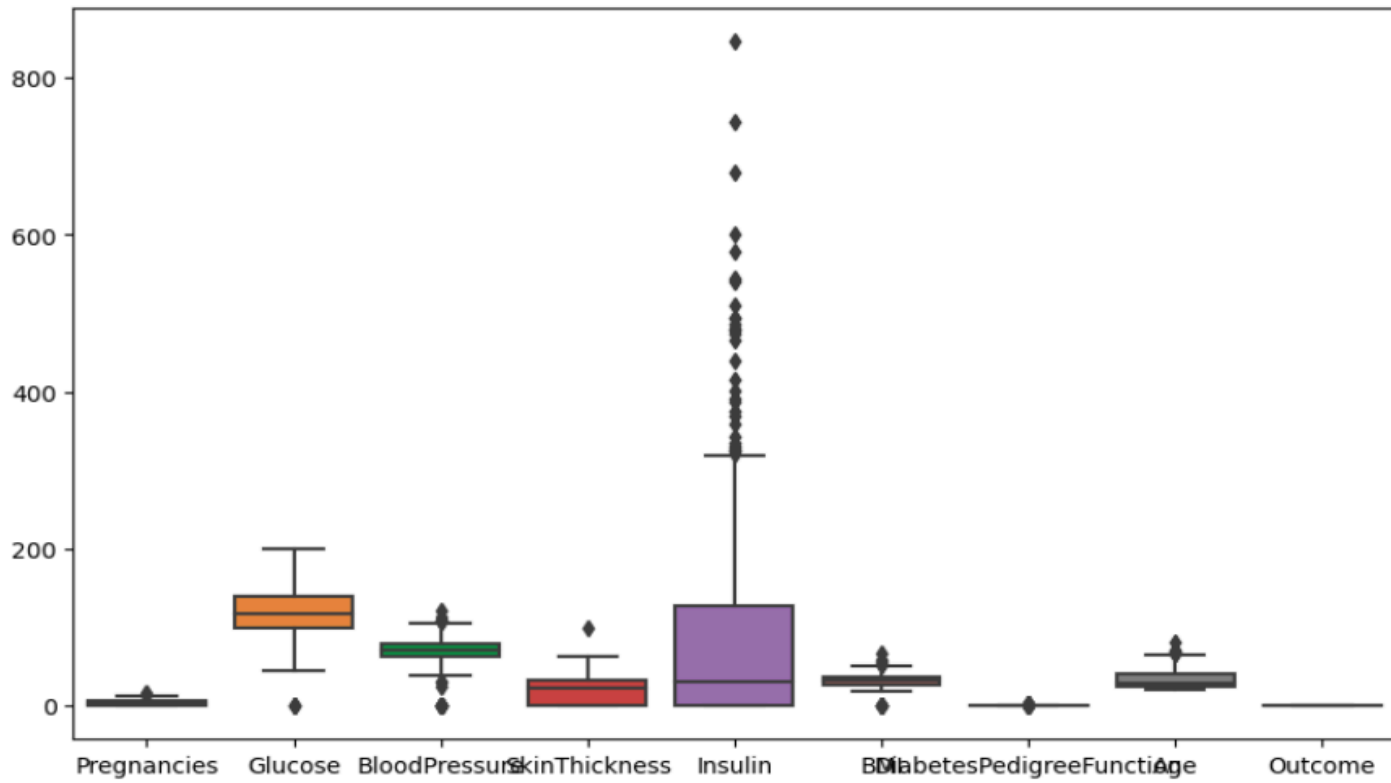


```

import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
plt.figure(figsize=(10,6))
sns.boxplot(data=nf)
plt.show()
from scipy import stats
diabetes_nf=nf[(np.abs(stats.zscore(nf))<3).all(axis=1)]

```



```

import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt

hj = pd.read_csv("Sales_Transactions_Dataset_Weekly.csv")

print(hj.describe())

sns.histplot(hj['W2'], bins=20, color='Pink')

plt.title("WEEKLY SALES")
plt.xlabel("Sales")
plt.ylabel("Frequency")
plt.show()

```

	W0	W1	W2	W3	W4	W5	\
count	811.000000	811.000000	811.000000	811.000000	811.000000	811.000000	
mean	8.902589	9.129470	9.389642	9.717633	9.574599	9.466091	
std	12.067163	12.564766	13.045073	13.553294	13.095765	12.823195	
min	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
25%	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
50%	3.000000	3.000000	3.000000	4.000000	4.000000	3.000000	
75%	12.000000	12.000000	12.000000	13.000000	13.000000	12.500000	
max	54.000000	53.000000	56.000000	59.000000	61.000000	52.000000	

	W6	W7	W8	W9	...	Normalized 42	\
count	811.000000	811.000000	811.000000	811.000000	...	811.000000	
mean	9.720099	9.585697	9.784217	9.681874	...	0.299149	
std	13.347375	13.049138	13.550237	13.137916	...	0.266993	
min	0.000000	0.000000	0.000000	0.000000	...	0.000000	
25%	0.000000	0.000000	0.000000	0.000000	...	0.000000	
50%	4.000000	4.000000	4.000000	4.000000	...	0.280000	
75%	13.000000	12.500000	13.000000	13.000000	...	0.490000	
max	56.000000	62.000000	63.000000	52.000000	...	1.000000	

	Normalized 43	Normalized 44	Normalized 45	Normalized 46	\
count	811.000000	811.000000	811.000000	811.000000	
mean	0.287571	0.304846	0.316017	0.334760	
std	0.256630	0.263396	0.262226	0.275203	
min	0.000000	0.000000	0.000000	0.000000	
25%	0.000000	0.000000	0.020000	0.085000	
50%	0.270000	0.300000	0.310000	0.330000	
75%	0.450000	0.500000	0.500000	0.500000	
max	1.000000	1.000000	1.000000	1.000000	

	Normalized 47	Normalized 48	Normalized 49	Normalized 50	\
count	811.000000	811.000000	811.000000	811.000000	
mean	0.314636	0.33815	0.358903	0.373009	
std	0.266029	0.27569	0.286665	0.295197	
min	0.000000	0.000000	0.000000	0.000000	
25%	0.000000	0.10500	0.100000	0.110000	
50%	0.310000	0.33000	0.330000	0.350000	
75%	0.500000	0.50000	0.550000	0.560000	
max	1.000000	1.00000	1.000000	1.000000	

	Normalized 51
count	811.000000
mean	0.427941
std	0.342360
min	0.000000
25%	0.090000
50%	0.430000
75%	0.670000
max	1.000000

[8 rows x 106 columns]

