

Clean data size: 120 rows

Age 0  
Gender 0  
Education\_Level 0  
Condom\_Use\_Freq 0  
Number\_of\_Partners 0  
HIV\_Test\_Frequency 0  
Awareness\_Score 0

dtype: int64

Mean age: 38.05

Std of Awareness (sample): 1.9992191871407563

Max partners: 8

Median condom use freq: 1.0

Variance of education (sample): 1.5394957983193296

Pearson correlation between awareness and condom use:  $r = 0.13$ ,  $p = 0.1641$

#### OLS Regression Results

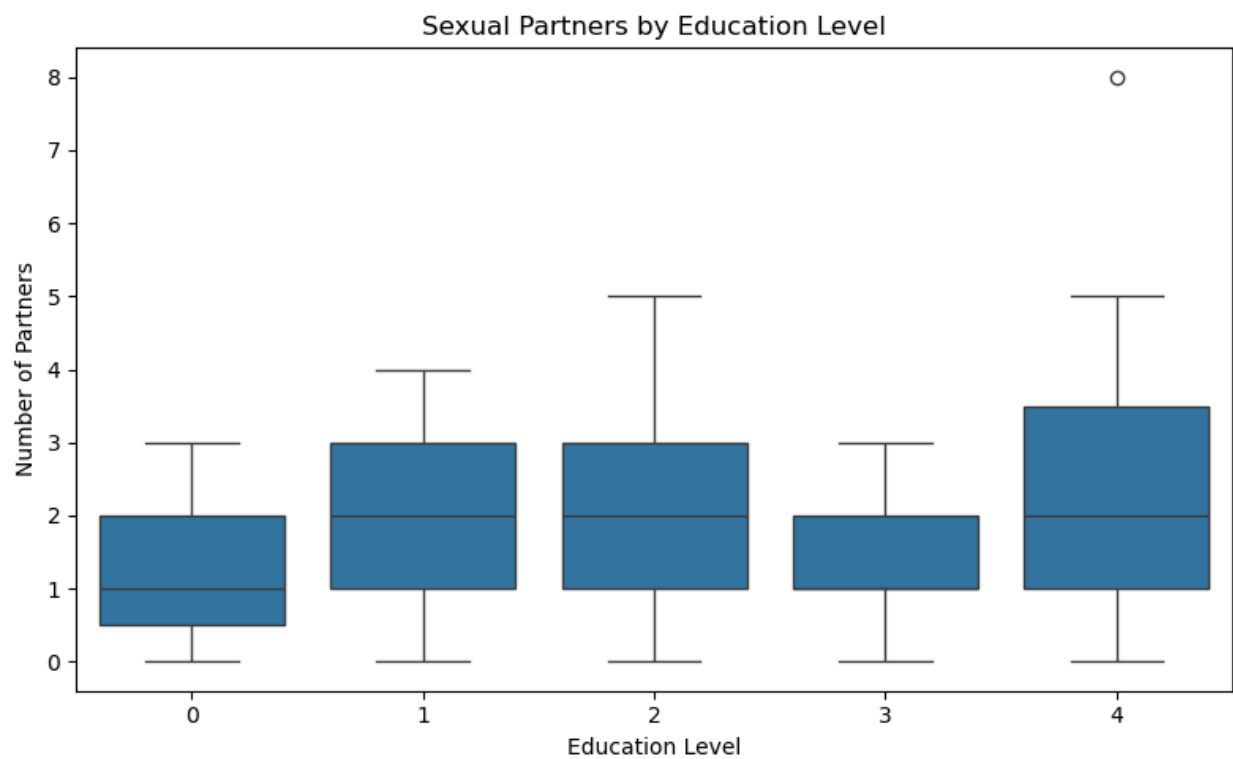
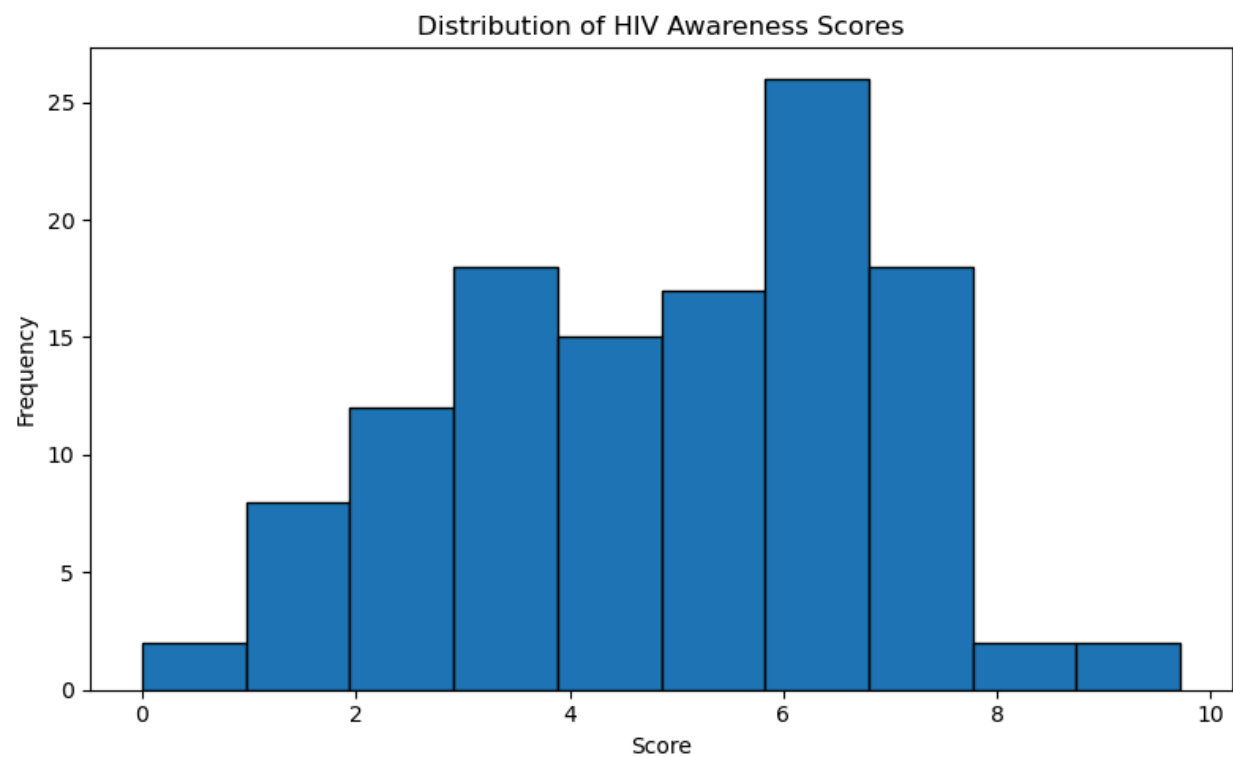
```
=====
Dep. Variable:      Condom_Use_Freq    R-squared:      0.016
Model:              OLS                Adj. R-squared:  0.008
Method:             Least Squares      F-statistic:    1.960
Date:               Mon, 26 May 2025    Prob (F-statistic): 0.164
Time:               01:19:06           Log-Likelihood: -135.72
No. Observations:   120                AIC:           275.4
Df Residuals:       118                BIC:           281.0
Df Model:           1
Covariance Type:    nonrobust
=====
```

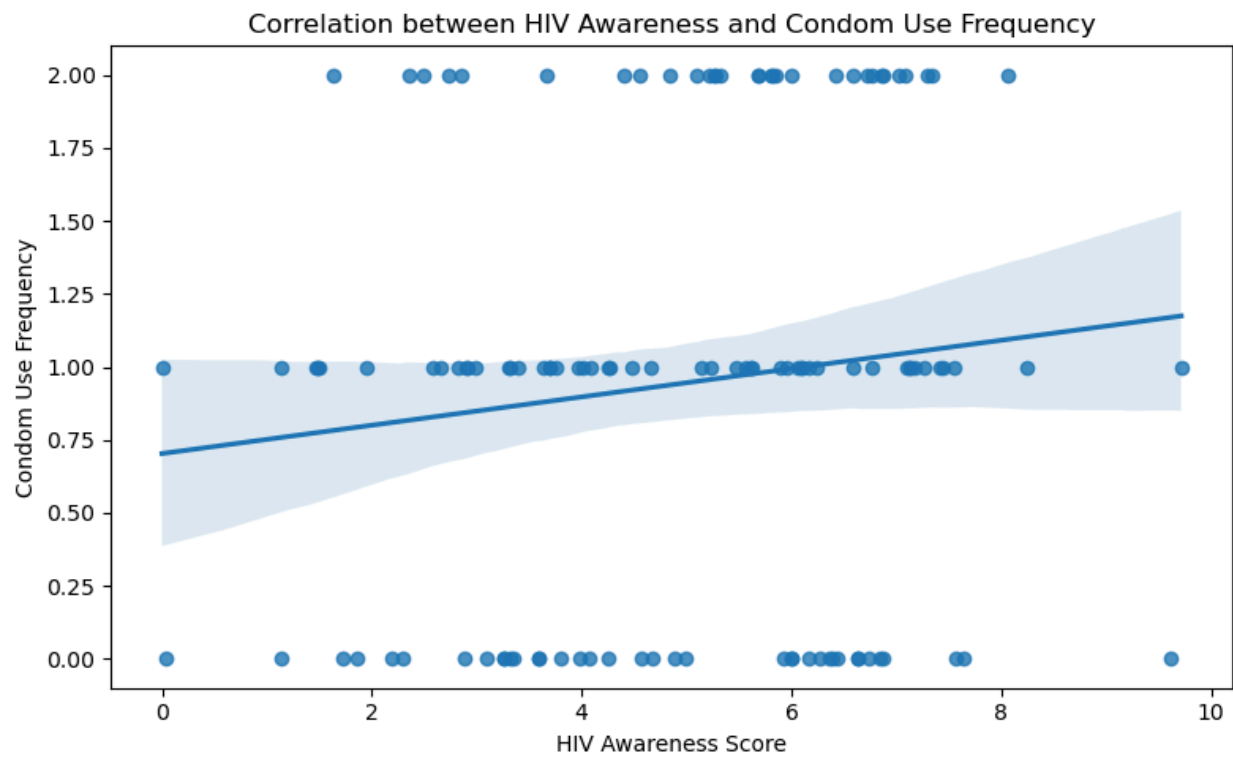
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=====
=====
              coef      std err          t      P>|t|      [0.025
0.975]
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const          0.7029      0.184        3.821      0.000      0.339
1.067
Awareness_Score 0.0485      0.035        1.400      0.164     -0.020
0.117
=====
```

```
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Omnibus:          49.269    Durbin-Watson:      1.647
Prob(Omnibus):    0.000    Jarque-Bera (JB):    7.554
Skew:             0.065    Prob(JB):            0.0229
Kurtosis:         1.778    Cond. No.            14.6
=====
```

#### Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.





Click to add a cell.