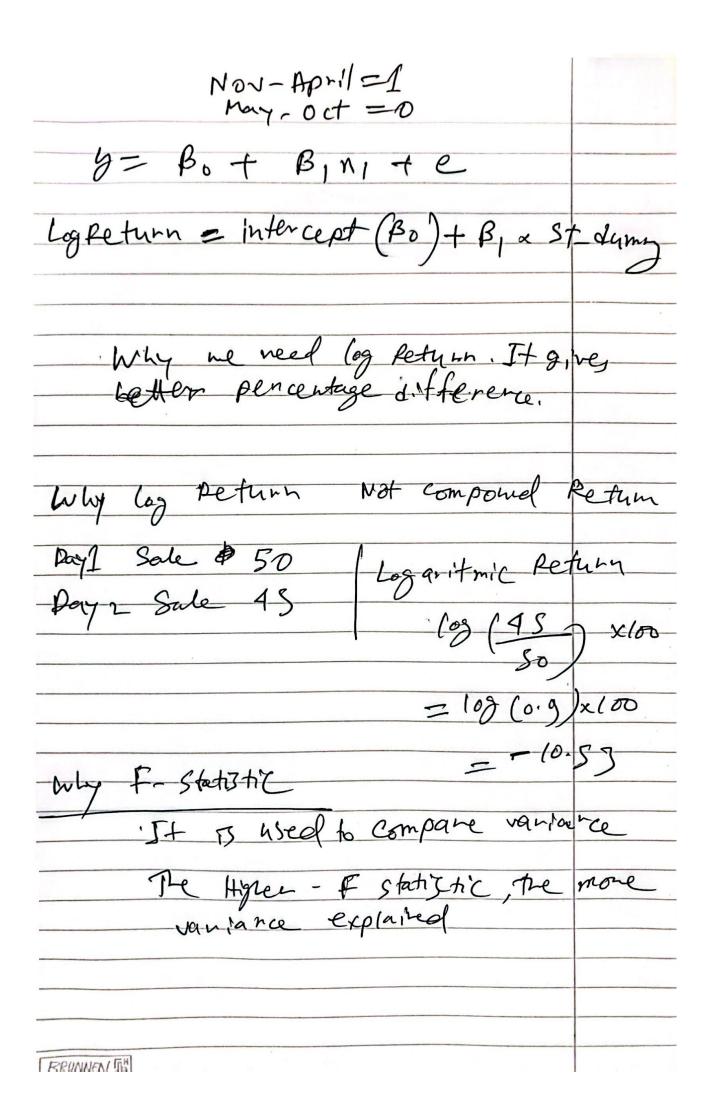
Made de l' -31 December Null Hypothesis # There is no difference between winter And Nov-I No Halloneen effect Ho! m=0 42 200 Winter = Symmer Same Alternative typothers H: M1 + ML mi 7 mz There is a difference Halloween effect exist Nov-April =1 ) May- out =0



Z-Test: Compare sample with population parameter. Normal test

T-Test: When standard deviation is unknown, and sample is less than 30

F-Test: For compare multiple means, compare variance. Winter Vs Summer

Chi-Square Test: Categorical

Durbin-Watson: Residual Error

Breusch-Pagan: Standard-deviation

If p-value is less than 0.05 then we reject null hypothesis.

In here p-value (0.7176) which is greater than 0.05 that we fail to reject the null hypothesis. We accept null hypothesis. There is no significant difference.

```
If you flip coin Head and Tail.
p(Head) = ½ = 0.5
P(Tail) = ½ = 0.5

10 times 3,7 = We reject the null Hypothesis
10 times, 4,6 = We accept the null hypothesis

Null = Coin is fair
Alter = Coin is not fair
```

Reject Coin is not fair Flip the coin has