Recap….

> **How to describe two quantities with our main conceptual tools are scatter plots and correlation coefficients**

Guess your Topic....

Credit Card Dataset....

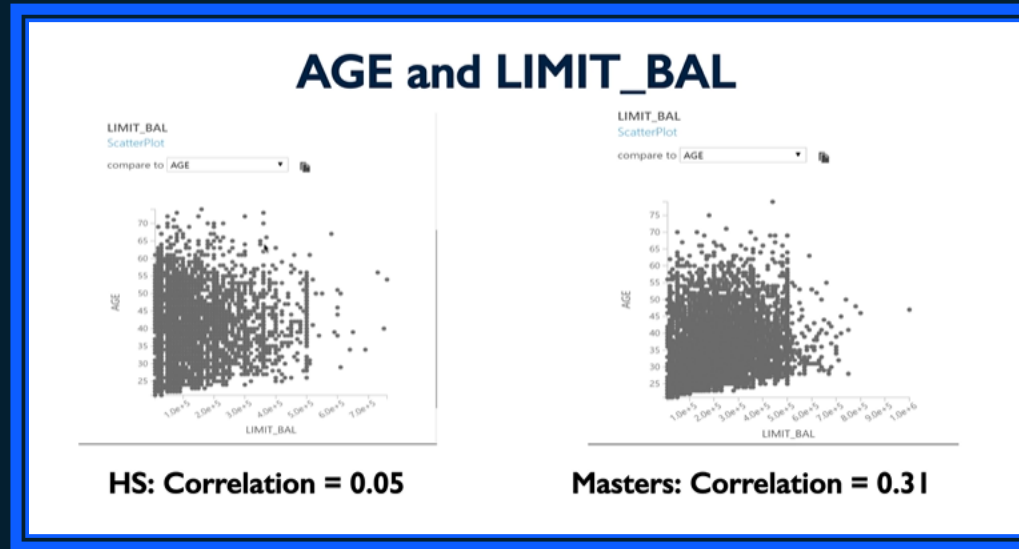
Education Level	High School	Masters
AGE (average)	40.3	34.2
Number of observations	4,917	10,585
LIMIT_BAL (average)	126,550	212,956

For both groups, does AGE have a relationship with LIMIT_BAL?

Understand Relationship…..

AGE and LIMIT_BAL

HS: Correlation = 0.05   Masters: Correlation = 0.31

Time for Assessment…..

❖Scatter plot alone depicts the relationship between 2 variables.. No need to check further (True/False)

SUMMARY......

❖ **Describing Two Quantities in Azureml**

❖ **Scatter plot - correlation**

Reference…..

❖

❖https://www.itl.nist.gov/div898/ handbook/eda/section3/eda33q. htm

THANKS!

Any questions?......