Upon running the [Day 11 Assignment Script.py](Day%2011%20Assignment%20Script.py) script, we get the following output:

This shows that Attrition is only significantly correlated to:

* Age (Negatively correlated)
* Total Working Years (Negatively correlated)
* Years At Company (Negatively Correlated)
* Years With Current Manage (Negatively Correlated)

**Key:**

0 is No Attrition, 1 is Attrition.

Positive correlation: Higher value 🡪 Attrition

Negative correlation: Higher Value 🡪 No Attrition

So, with Higher Age, Experience, Time at company and Time with current manager, attrition rate decreases

Rest of the other columns do not have significant correlation with Attrition

As only Education and Distance from home have p(probability)-value> 0.05, so Null Hypothesis for only those would be Accepted, and those, do not even have a significant correlation with Attrition, while for the ones that have significant correlation, have a p-value < 0.05, so we reject the H0 and this Those have a true significant correlation with Attrition