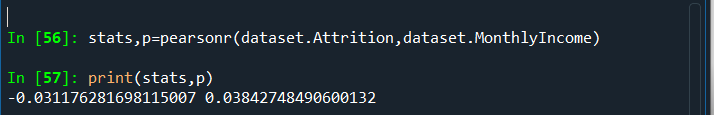
**Finding Correlation**

**TEST 1:**

Formulation of Hypothesis statement

H0🡪There is no significant correlation between Attrition and MonthlyIncome

Ha🡪 There is significant correlation between Attrition and MonthlyIncome



Here the **p value is less than 0.05** so **Null Hypothesis** is **rejected** and **Alternative Hypothesis is accepted**

So we can conclude

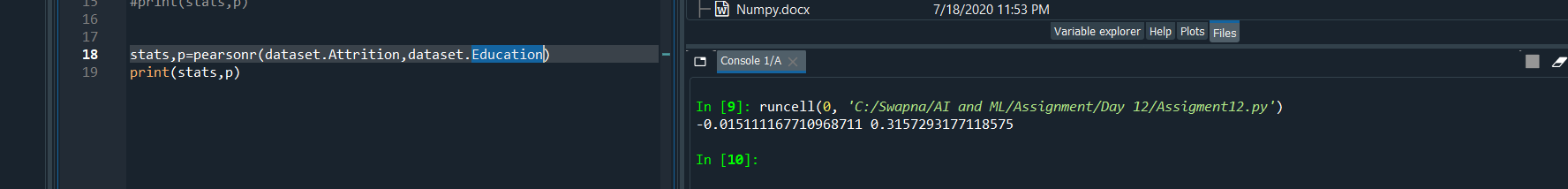
**There is significant correlation between Attrition and MonthlyIncome**

**TEST2:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and Education

Ha🡪 There is significant correlation between Attrition and Education



Here the **p value is grater than 0.05** so **Null Hypothesis** is **accepted** and **Alternative Hypothesis is rejected**

So we can conclude

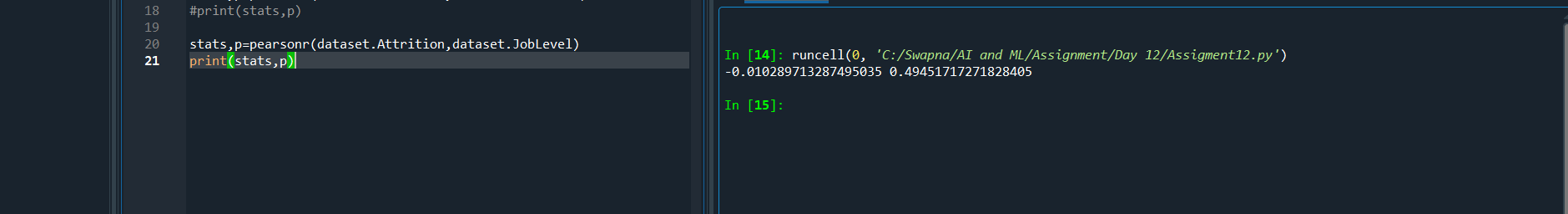
**There is no significant correlation between Attrition and Education**

**TEST 3:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and JobLevel

Ha🡪 There is significant correlation between Attrition and JobLevel



Here the **p value is grater than 0.05** so **Null Hypothesis** is **accepted** and **Alternative Hypothesis is rejected**

So we can conclude

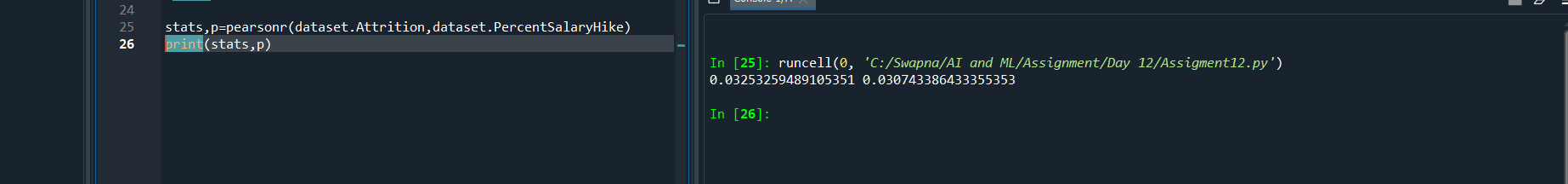
**There is no significant correlation between Attrition and JobLevel**

**TEST 4:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and PercentSalaryHike

Ha🡪 There is significant correlation between Attrition and PercentSalaryHike



Here the **p value is less than 0.05** so **Null Hypothesis** is **rejected** and **Alternative Hypothesis is accepted**

So we can conclude

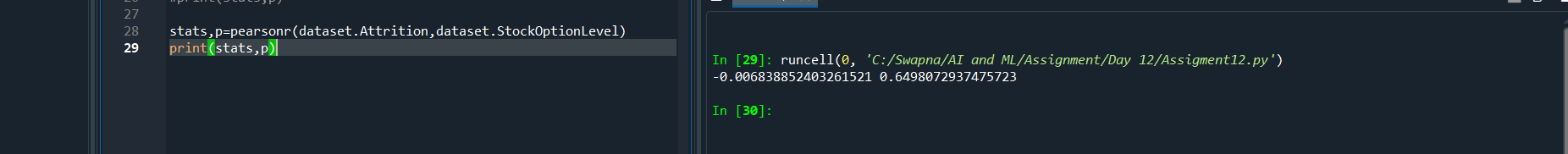
**There is significant correlation between Attrition and PercentSalaryHike**

**TEST5:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and StockOptionLevel

Ha🡪 There is significant correlation between Attrition and StockOptionLevel



Here the **p value is grater than 0.05** so **Null Hypothesis** is **accepted** and **Alternative Hypothesis is rejected**

So we can conclude

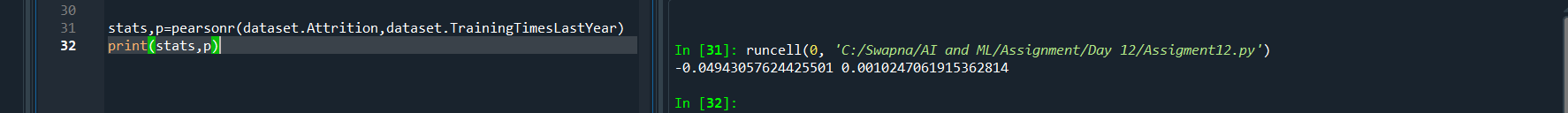
**There is no significant correlation between Attrition and StockOptionLevel**

**TEST6:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and TrainingTimesLastYear

Ha🡪 There is significant correlation between Attrition and TrainingTimesLastYear



Here the **p value is less than 0.05** so **Null Hypothesis** is **rejected** and **Alternative Hypothesis is accepted**

So we can conclude

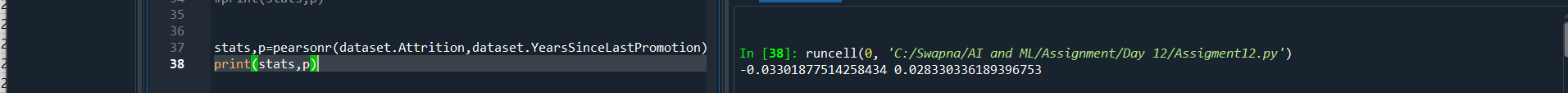
**There is significant correlation between Attrition and TrainingTimesLastYear**

**TEST6:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and YearsSinceLastPromotion

Ha🡪 There is significant correlation between Attrition and YearsSinceLastPromotion



Here the **p value is less than 0.05** so **Null Hypothesis** is **rejected** and **Alternative Hypothesis is accepted**

So we can conclude

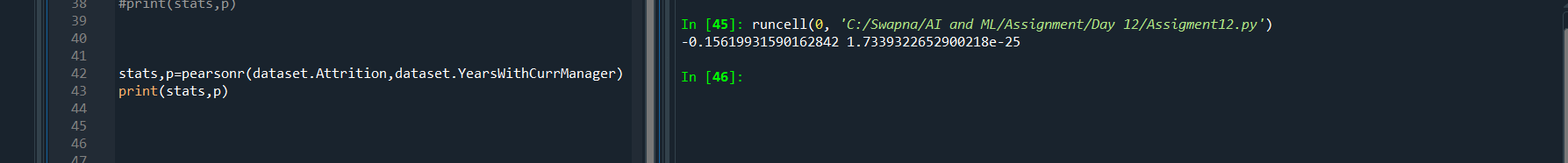
**There is significant correlation between Attrition and YearsSinceLastPromotion**

**TEST7:**

Formulation of Hypothesis

H0🡪There is no significant correlation between Attrition and YearsWithCurrManager

Ha🡪 There is significant correlation between Attrition and YearsWithCurrManager



Here the **p value is less than 0.05** so **Null Hypothesis** is **rejected** and **Alternative Hypothesis is accepted**

So we can conclude

**There is significant correlation between Attrition and YearsWithCurrManager**

**Inference:**

Employee attrition is due to below factors so they have look in to below arears.

1. MonthlyIncome
2. PercentSalaryHike
3. TrainingTimesLastYear
4. YearsSinceLastPromotion
5. YearsWithCurrManager