

# DATA ANALYTICS WITH R, EXCEL AND TABLAEU

## ASSIGNMENT 9.2 ANSWERS

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**Question no:**

**5)**

1) Calculate the P Value for the test in Problem 2.

Ans

20%

2) How do you test the proportions and compare against hypothetical props? TestHypothesis: proportion of automatic cars is 40%.

Ans

- A typical **null hypothesis** is a statement that two variables are not related. Other examples are statements that there is no difference between two groups (or treatments) or that there is no difference from an existing standard value.
- An **alternative hypothesis** is a statement that there is a relationship between two variables or there is a difference between two groups or there is a difference from a previous or existing standard.

A statistical **hypothesis test** is a procedure for deciding between two possible statements about a population.

