**Day 10 Assignment:**

**10 Hypothesis Statements:**

1. The Average age of the Employees whose attrition is Yes is 32
2. The Employees who left the company are staying at a distance of 7Km from office.
3. All the Employees who left the company are Bachelor Degree Holders.
4. All the Employees who left the company are at a Medium Job Level (2) in the Company.
5. All the Employees who left the company are earning at an Average of 49K per month.
6. All the Employees who left the company are working for a standard time of 8 hrs per day.
7. All the Employees who left the company got a hike of 14% at the time of their promotion.
8. All the Employees who left the company are 7+ years Experienced.
9. All the Employees who left the company are working with the company for the last 3 years.
10. All the Employees who left the company got their promotion 1 year back.

The Above Hypothesis Statements are drawn using the below data where I

Considered only data with Attrition as **“Yes”**

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| **Scenario** | **Median Value** |
| Age | 32.0 |
| Distance from Home | 7.0 |
| Education | 3.0 |
| Employee Count | 1.0 |
| Employee ID | 2165.0 |
| Job Level | 2.0 |
| Monthly Income | 49080.0 |
| Num Companies Worked | 1.0 |
| Percent Salary Hike | 14.0 |
| Standard Hours | 8.0 |
| Stock Option Level | 1.0 |
| Total Working Years | 7.0 |
| Training Times Last Year | 3.0 |
| Years at Company | 3.0 |
| Years Since Last Promotion | 1.0 |
| Years with Cur Manager | 2.0 |