**Hypothesis 1**

Null Hypothesis:

* The mean age of an employee who has attrited is found to be 33 with a standard deviation of 9.67.

Alternative Hypothesis:

* The mean age of an employee who has attrited is not equal to 33

To determine if this is true, a sample of 70 attrited employees was taken and their mean age was found to be 34.

**Hypothesis 2**

Null Hypothesis:

* The mean monthly income of attrited employees was found to be Rs.61,000 with a standard deviation of 44890

Alternative Hypothesis:

* The mean monthly income of attrited employees is not Rs.61,000.

To determine if this is true, a sample of 70 attrited employees was taken and their mean monthly income was found to be Rs.64,650.

**Hypothesis 3**

Null Hypothesis:

* The mean years at company of attrited employees was found to be greater than or equal to 4 years with a standard deviation of 5.96

Alternative Hypothesis:

* The mean years at company of attrited employees is less than 4 years

To determine if this is true,a sample of 70 attrited employees was taken at random and their mean years at the comapny was found to be 4.44 years

**Hypothesis 4**

Null Hypothesis:

* The mean age of employees who have not attrited is found to be equal to 37 years with a standard devaition of 8.89

Alternative Hypothesis:

* The mean age of employees who have not attrited is not equal to 37 years

In order to test this claim, a sample of 70 employees who have not attrited was taken at random and their mean age was found to be 36

**Hypothesis 5**

Null Hypothesis:

* Mean of total working years of attrited employees was found to less than or equal to 9 years with a standard deviation of 7.17

Alternative Hypothesis:

* Mean of total working years of attrited employees is greater than 10 years

In order to test this claim, a sample of 70 employees who have attrited was taken at random and their mean working years was found to be 8

**Hypothesis 6**

Null Hypothesis:

* The average number of years spent by an attrited employee with current manager was found to be equal to 2.86 with a standard deviation of 3.14

Alternative Hypothesis:

* The average number of years spent by an attrited employee with current manager is not equal to 2

In order to test this claim, a sample of 25 employees who have attrited was taken at random and their average number of years spent with current manager was found to be equal to 2.12

**Hypothesis 7**

Null Hypothesis:

* The average number of years spent by a non-attrited employee with current manager was found to be greater than or equal to 3 with a standard deviation of 3.59

Alternative Hypothesis:

* The average number of years spent by a non-attrited employee with current manager is less than 3

In order to test this claim, a sample of 70 employees who have not attrited was taken at random and their average number of years spent with current manager was found to be equal to 3.80

**Hypothesis 8**

Null Hypothesis:

* The mean pecentage in salary hike of the attrited employees is greater than or equal to 15% with a standard deviation of 3.78

Alternative Hypothesis:

* The mean pecentage in salary hike of the attrited employees is less than 15

In order to test this claim, a sample of 25 employees who have attrited was taken at random and mean pecentage in their salary hike was found to be equal to 16.01%

**Hypothesis 9**

Null Hypothesis:

* The mean salary of attrited employees who have worked in more than 4 companies is found to be Rs.58,000 with a standard deviation of 46344

Alternative Hypothesis:

* The mean salary of attrited employees who have worked in more than 4 companies is not equal to Rs.58,000

In order to test this claim, a sample of 100 employees who have attrited and worked in more than 4 companies was taken at random and mean salary was found to be Rs 57,955

**Hypothesis 10**

Null Hypothesis:

* The mean pecentage in salary hike of the attrited employees who took training more than 3 times in the previous year is found to be greater than or equal to 16% with a standard deviation of 4.32

Alternative Hypothesis:

* The mean pecentage in salary hike of the attrited employees who took training more than 3 times in the previous year is found to be less than 16%

In order to test this claim, a sample of 25 employees who have attrited and took training more than 3 times in the previous year was taken at random and their mean percentage in salary hike was found to be 17.28%