#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 25 attrited employees was taken and their mean age was found to be 30.)

# Hypothesis 2

Null Hypothesis:

The mean monthly income of attrited employees was found to be Rs.61,000 with a standard deviation of 44792

Alternative Hypothesis:

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

To determine if this is true, a sample of 25 attrited employees was taken and their mean monthly income was found to be Rs.48,185.

#Hypothesis 4

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 5.94

Alternative Hypothesis:

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

To determine if this is true,a sample of 25 attrited employees was taken at random and their mean years at the comapny was found to be 3.96 years

#Hypothesis 5

Null Hypothesis:

Mean of total working years of attrited employees was found to less than or equal to 10 years with a standard deviation of 7.16

Alternative Hypothesis:

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

In order to test this claim, a sample of 25 employees who have attrited was taken at random and their mean working years was found to be 7

#Hypothesis 6

Null Hypothesis:

The average number of years spent by an attrited employee with current manager was found to be equal to 2.85 with a standard deviation of 3.13

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 2.32

#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 25 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 4.52

#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 3.77

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 15.44%

#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 64,566

#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%

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 17.6%