

Hypothesis of Project-1

1.Hypothesis:-

Null Hypothesis :- At the count of 711.The mean age of employee who has attrite ids found 33 with STD of 9.6

Alternativ Hypothesis:-The mean age of employee who attrite is not equal to 33. To analysis if this is true, a sample of 60 attrite employees was take and mean age was found to be 33.

2.Hypothesis:-

Null Hypothesis :- Mean year at company of attrite employees are found to be greater than or equal to 4 year was 9.55 with standard deviation of 6.46

Alternativ Hypothesis:- Mean year at company of attrite employees are found to be less than or equal to 4 year. To determine if this is true , a sample 60 attrite employee was taken mean year at company is found to be 8 year.

3.Hypothesis:-

Null Hypothesis :-The mean of monthly income of attrite employees was found to be of Rs . 61681 with a standard deviation of 44792.

Alternativ Hypothesis:-The monthly income attrite employees is not Rs. 61681. To determine if this is true, a sample of 60 attrite employees was taken and their mean monthly income was found to be Rs.63,648.

4.Hypothesis:-

Null Hypothesis :- The mean of total working years of attrite employees was found to less than or equal to 10 years with a standard deviation of 7.16

Alternativ Hypothesis:- The mean of total working years of attrite employees is greater than 10 years. To determine if this is true, a sample of 60 employees who have attrite was taken at random and their mean working years was found to be 8

5.Hypothesis:-

Null Hypothesis :- The average number of years spent in company by an attrite employee with current manager was found to be equal to 2 with a standard deviation of 2.85.

Alternativ Hypothesis:- The average number of years spent by an attrite employee with current manager is not equal to 2.85. In order to determine, a sample of 60 employees who

have attrite was taken at random and their average number of years spent with current manager was found to be equal to 2.86

6.Hypothesis:-

Null Hypothesis :- Mean age of employees who have not attrite is found to be equal to 37 years with a standard deviation of 8.88

Alternativ Hypothesis:- The mean age of employees who have not attrite is not equal to 37 years In order to determine, a sample of 60 employees who have not attrite was taken at random and their mean age was found to be 37.

7.Hypothesis:-

Null Hypothesis :- The mean percentage in salary hike of the attrite employees is greater than or equal to 15% with a standard deviation of 3.77

Alternativ Hypothesis:- The mean percentage in salary hike of the attrite employees is not less than 15 In order to test this claim, a sample of 60 employees who have attrite was taken at random and mean percentage in their salary hike was found to be equal to 14.80%

8.Hypothesis:-

Null Hypothesis : The average number of years spent by a non-attrite employee with current manager was found to be greater than or equal to 3 with a standard deviation of 4.36

Alternativ Hypothesis:- The average number of years spent by a non-attrite employee with current manager is less than 5. In order to test this claim, a sample of 60 employees who have not attrite was taken at random and their average number of years spent with current manager was found to be equal to 5.92

9.Hypothesis:-

Null Hypothesis :- Mean percentage in salary hike of the attrite employees who took training more than 4 times in the previous year is found to be greater than or equal to 15%

Alternativ Hypothesis:- The mean percentage in salary hike of the attrite employees who took training more than 4 times in the previous year is found to be less than 15%

9.Hypothesis:-

Null Hypothesis :- The mean salary of attrite employees who have worked in more than 5 companies is found to be Rs.58,937 with a standard deviation of 46344.

Alternativ Hypothesis:- The mean salary of attrite employees who have worked in more than 5 companies is not equal to Rs.58,937 In order to test this claim, a sample of 60 employees who have attrite and worked in more than 5 companies was taken at random and mean salary was found to be Rs 57,679