1.the average mean of employee income is 65029 per month.

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 71717 and S of 54978.

Ans

In this above statement

* + population mean of income is 65029
  + sample mean of income is 71717
  + standard deviation of sample mean is 54978

here we are going to use two tail T test

t=0.57

here we accept that the statement the average mean of employee income is 65029 per month.

2. the average mean of employee previous company worked is 2.69

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 2.23 and S of 2.14.

Ans

In this above statement

* + population mean of previous company worked is 2.69
  + sample mean of previous company worked is 2.23
  + standard deviation of sample mean is 2.14

here we are going to use two tail T test

t=-1.01

here we accept that the statement the average mean of employee previous company worked is 2.69

3.the average mean of distance from home for employee is 9.19

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 6.13 and S of 5.32

Ans

In this above statement

* + population mean of distance from home is 9.19
  + sample mean of distance from home is 6.13
  + standard deviation of sample mean is 5.32

here we are going to use two tail T test

t=-2.69

here the T test value is greater than value in table so we **reject that the statement.**

4. the average mean of Years Since Last Promotion of an employee is 2.18

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 1.95 and S of 2.71

Ans

In this above statement

* + population mean of last promotion is 2.18
  + sample mean of last promotion is 1.95
  + standard deviation of sample mean is 2.71

here we are going to use two tail T test

t=-0.398

here we accept that the statement the average mean of Years Since Last Promotion of an employee is 2.18

5. the average mean of Training Times Last Year of employee is 2.78

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 2.95 and S of 1.43

Ans

In this above statement

* + population mean of last promotion is 2.78
  + sample mean of last promotion is 2.95
  + standard deviation of sample mean is 1.43

here we are going to use two tail T test

t=0.55

* here we accept that the statement the average mean of training timing last year is 2.78

6. the average mean of employee income is 65029 per month and standard deviation is47068

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 71717

Ans

In this above statement

* + population mean of last promotion is 65029
  + sample mean of last promotion is 71717
  + standard deviation of population mean is 47068

here we are going to use two tail Z test

z=0.66

* here we accept that the statement the average mean of employee income is 65029 per month.

7. the average mean of employee previous company worked is 2.69 and standard deviation is 2.49

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 2.14

Ans

In this above statement

* + population mean of last promotion is 2.69
  + sample mean of last promotion is 2.49
  + standard deviation of population mean is 2.14

here we are going to use two tail Z test

z=0.69

* here we accept that the statement . the average mean of employee previous company worked is 2.69

8.the average mean of Years Since Last Promotion of an employee is 2.18

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 1.95 and S of 2.71

Ans

In this above statement

* + population mean of last promotion is 2.18
  + sample mean of last promotion is 1.95
  + standard deviation of sample mean is 2.71

here we are going to use two tail z test

z=-0.398

here we accept that the statement the average mean of Years Since Last Promotion of an employee is 2.18

9. the average mean of employee previous company worked is 9.19 and standard deviation is 8.1

To determine it is true the random sample of 22 employee had taken and resulted in an X of 6.13

Ans

In this above statement

* + population mean is 9.19
  + sample mean is 6.13
  + standard deviation of population mean is 8.1

here we are going to use two tail Z test

z=-1.77

here the T test value is greater than value in table so we **reject that the statement.**

10.the average mean of TrainingTimesLastYear of employee is2.78

* To determine it is true the random sample of 22 employee had taken and resulted in an X of 2.95 and S of 1.43

Ans

In this above statement

* + population mean of last promotion is 2.78
  + sample mean of last promotion is 2.95
  + standard deviation of sample mean is 1.43

here we are going to use two tail T test

t=0.55

* here we accept that the statement the average mean of training timing last year is 2.78