

Assignment Day 10

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Q) Forming 10 hypothesis on the bases of give employee alteration data set.

Ans)

- 1) The average age of the employee who left the company is 33 years.
 H_0 : age = 33
 H_1 : age \neq 33

- 2) The employee who leaves the company have business travel most of them are travel rarely.
 H_0 : business travel = travel rarely
 H_1 : business travel \neq travel rarely

- 3) The employee who leaves the company is mostly from Research and development department.
 H_0 : Department = Research and development
 H_1 : Department \neq Research and development

- 4) The employee who leaves the company is mostly Male compared to women.
 H_0 : Gender = Male
 H_1 : Gender \neq Male

5) The average salary of employee who left the company is 61682.

H_0 : Gender = Male

H_1 : Gender \neq Male

6) The employee who left the company are Marital Status are single.

H_0 : Marital Status = single

H_1 : Marital Status \neq single

7) The employee who left are over 18 years of age.

H_0 : over 18 = yes

H_1 : over 18 \neq yes

8) The employee who left the company was there in the company average of 5.3 year.

H_0 : Year at Company = 5.3 year

H_1 : Year at Company \neq 5.3 year

9) Year of last promotion of employee who left was average of 1.9 years.

H_0 : Year of last promotion = 1.9 year

H_1 : Year of last promotion \neq 1.9 year

10) Average hike salary of employee who left was 15.48 %.

H_0 : hike salary = 15.48 %

H_1 : hike salary \neq 15.48 %