

### **LetsUpgrade AI/ML Assignment-Day10-Hypothesis**

1.  $H_0$  : Attrition is not high for the age range of 28-31.  
 $H_1$  : Attrition is high for the age range of 28-31.
2.  $H_0$  : Attrition is not high for rarely travelled employees  
 $H_1$  : Attrition is high for rarely travelled employees
3.  $H_0$  : Attrition is not high for Research & Development Dept  
 $H_1$  : Attrition is high for Research & Development Dept
4.  $H_0$  : Attrition does not depend on home to office distance of employees  
 $H_1$  : Attrition does depend on home to office distance of employees
5.  $H_0$  : Attrition is not high for employees with Bachelors in Life Sciences  
 $H_1$  : Attrition is high for employees with Bachelors in Life Sciences
6.  $H_0$  : Attrition is not high for Sales Executive job role  
 $H_1$  : Attrition is high for Sales Executive job role
7.  $H_0$  : Attrition is not high for employees who are single by marital status  
 $H_1$  : Attrition is high for employees who are single by marital status
8.  $H_0$  : Attrition is not high for employees who have worked for less than 2 companies  
 $H_1$  : Attrition is high for employees who have worked for less than 2 companies
9.  $H_0$  : Attrition do not increase with decrease in salary hike percentage  
 $H_1$  : Attrition increases with decrease in salary hike percentage
10.  $H_0$  : Attrition is not high for employees without stock option  
 $H_1$  : Attrition is high for employees without stock option
11.  $H_0$  : Attrition is not high for employees with 1 year of experience  
 $H_1$  : Attrition is high for employees with 1 year of experience
12.  $H_0$  : Attrition is not high for employees who are 1 year old in the company  
 $H_1$  : Attrition is high for employees who are 1 year old in the company
13.  $H_0$  : Attrition is not high for employees who have not got any promotion  
 $H_1$  : Attrition is high for employees who have not got any promotion