ASSIGNMENT OF DAY 10

HYPOTHESIS STATEMENTS

## Hypothesis 1. The average “age” of employees in the company is 36 years old .

H0 = 36 , H1 != 36

## Hypothesis 2. The average “BusinessTravel” of the employees is “Travel\_Rarely” .

H0 = “Travel\_Rarely” , H1 != “Travel\_Rarely”

### Hypothesis 3. The average mean of “YearsSinceLastPromotion” is less than 3 .

H0 <= 3 , H1>3

### Hypothesis 4. The average “DistanceFromHome” of the employees is greater than 9 .

H0 >= 9 , H1<9

### Hypothesis 5. The average “JobLevel” of the employees is less than 2 .

H0<=2 , h1>2

### Hypothesis 6. The average “TrainingTimesLastYear” of the employees is less than 3 .

H0<=3 , h1>3

### Hypothesis 7. The average “StockOptionLevel” of the employees is less than 1 .

H0<=1 , h1>1

### Hypothesis 8. The average “PercentSalaryHike” of the company less than 10 .

H0<=10 , h1>10

### Hypothesis 9. The average “NumCompaniesWorked” of the company greater than 3 .

H0>=3 , h1>3

### Hypothesis 10. The employees who left didn’t like the current manager and the median of years spent with him\her less than 3 years .

H0<=3 , h1>3