**Problem Statement or Requirement:**

**Note: Inference or Conclusion needed for every question**

**Download dataset from** [**here**](https://drive.google.com/file/d/1hiR9XbTjMsNk_uA025w5nrw5LTBUDCEC/view?usp=sharing)

1)Replace the NaN values with correct value. And justify why you have chosen the same.

2)How many of them are not placed?

3)Find the reason for non-placement from the dataset?

4)What kind of relation between salary and mba\_p?

5)Which specialization is getting minimum salary?

6)How many of them getting above 500000 salaries?

7)Test the Analysis of Variance between etest\_p and mba\_p at signifance level 5%. (Make decision using Hypothesis Testing)

8)Test the similarity between the degree\_t (Sci&Tech) and specialisation (Mkt&HR) with respect to salary at significance level of 5%.(Make decision using Hypothesis Testing)

9)Convert the normal distribution to standard normal distribution for salary column

10)What is the probability Density Function of the salary range from 700000 to 900000?

11)Test the similarity between the degree\_t(Sci&Tech)with respect to etest\_p and mba\_p at significance level of 5%.(Make decision using Hypothesis Testing)

12)Which parameter is highly correlated with salary?

13) Plot any useful graph and explain it.

**submit as "YOURNAME\_InferentialAnalysis.ipynb" to admin@hopelearning.net**

Communication is important (How you are representing the document.)

Kindly mail to [admin@hopelearning.net](mailto:admin@hopelearning.net)