# Inferential Analysis_Question

November 29, 2021

### 0.0.1 Hope Artificial Intelligence- Inferential Analysis Assignment Questions

### 0.0.2 Download the dataset from here(Click Here)

# 1 Inference or Conclusion needed for every question

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

## 1.2 2)How many of them are not placed?

## 1.3 3)Find the reason for non placement from the dataset?

## 1.4 4)What kind of relation between salary and mba_p

## 1.5 5)Which specialization is getting minimum salary?

## 1.6 6)How many of them getting above 500000 salary?

## 1.7 7)Test the Analysis of Variance between etest_p and mba_p at signifance level 5%.(Make decision using Hypothesis Testing)

## 1.8 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)

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

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

## 1.11 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)

## 1.12 12)Which parameter is highly correlated with salary?

## 1.13 13) plot any useful graph and explain it.

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