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BRANCH : IT

UID : 2019140016

BATCH : B

COURSE : Data Analytics Lab

EXPERIMENT : 3

AIM : Perform statistical data analysis such as: Estimators of the main statistical measures (mean, variance, standard deviation, covariance correlation, standard error), Main distributions (Normal distribution, chi-square distribution), Hypothesis testing, pairwise association (Pearson correlation test, t-test, ANOVA), Non-parametric test (Spearman rank)

PROBLEM STATEMENT : Choose a dataset and perform descriptive analysis and hypothesis testing on it and write a detailed inference on it.

CODE & OUTPUT:

<https://colab.research.google.com/drive/1SNtoJcKWjqKp4u5HbNx-DgQvnnmtbz6O?usp=sharing>

CONCLUSION :

All the explanations and inferences have been precisely written in the Google Collab Notebook itself.