REG NO: 421221243001 COLLEGE CODE: 4212

# DATA ANALYTICS WITH COGOS-GROUP:2 ASSESSMENT OF MARGINAL WORKERS IN TAMIL NADU: PHASE4 IBM NAAN MUDHULVAN

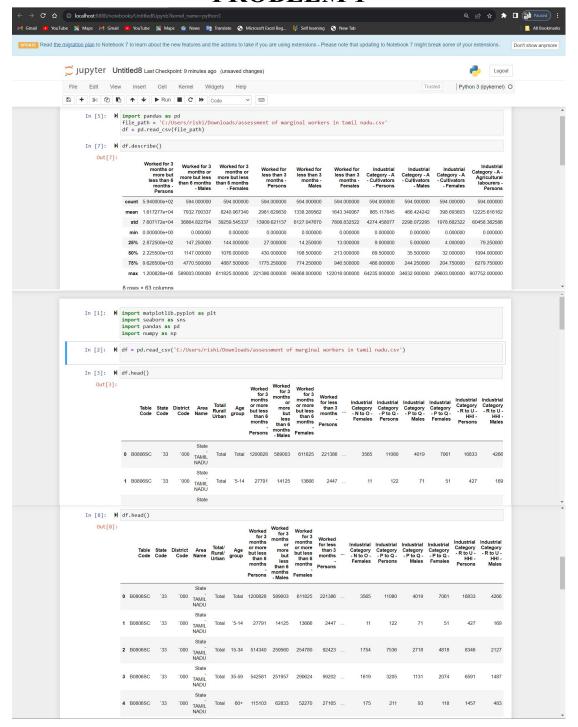
In the previous phases we have discussed about the step-by-step process, Design thinking and at the phase3 we have discussed about the data preprocessing techniques and many more in the last steps and in this step we have given some problem statements to solve in the IBM COGNOS ANALYTICS. In this part we will continue building our project, Building the analysis by creating visualizations using libraries.

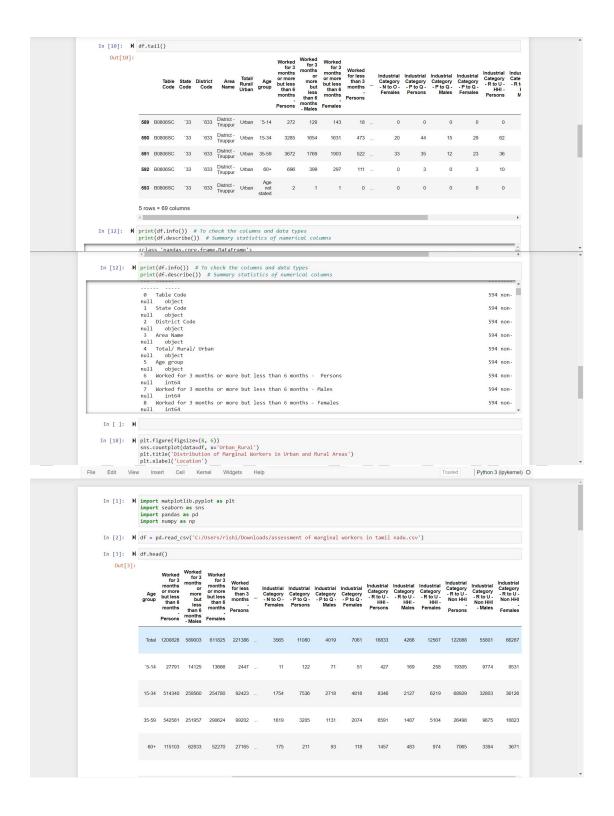
**PROBLEM 1:** Perform the demographic analysis and create visualizations.

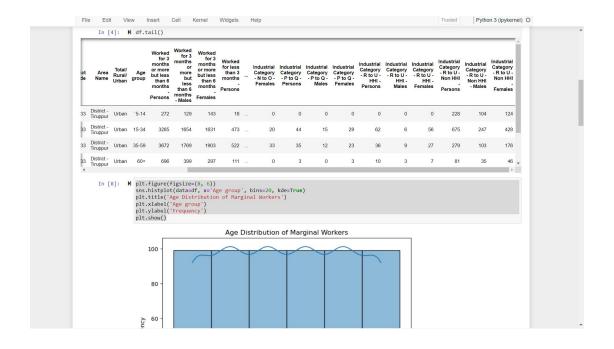
**PROBLEM 2:** Calculate the distribution of marginal workers based on age, industrial category, and sex using data aggregation and manipulation.

**PROBLEM 3:**Create visualizations using data visualization libraries (e.g., Matplotlib, Seaborn).

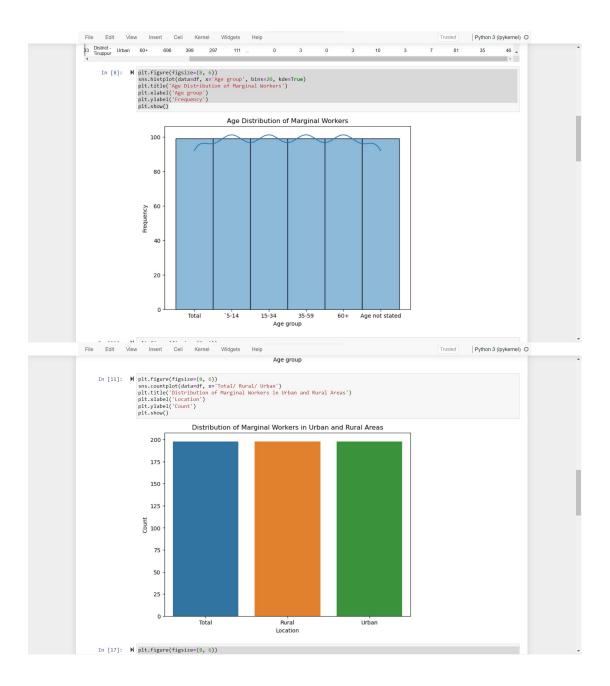
### PROBLEM 1



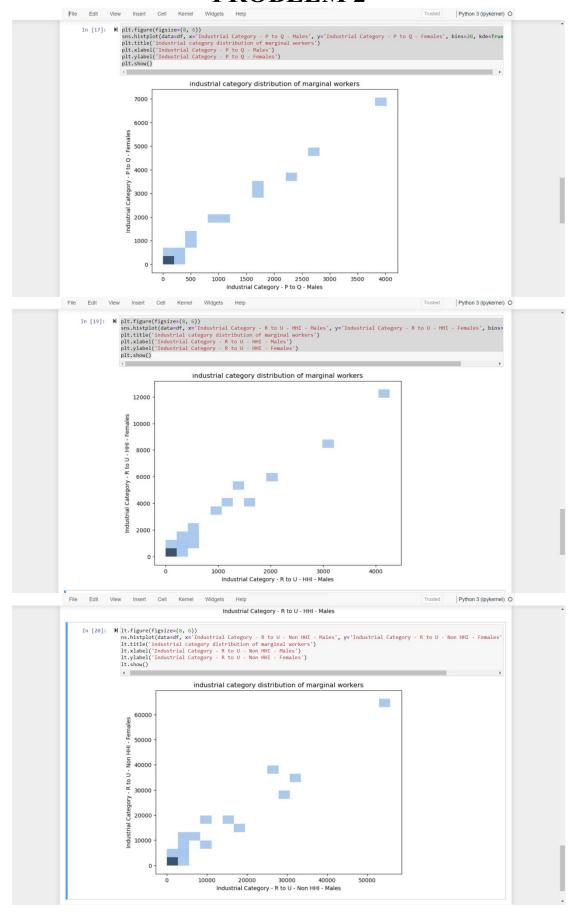




# ORIGINAL



## PROBLEM 2



# **PROBLEM 3**

