PHASE 4: DEVELOPMENT PART 2

PROJECT TITLE: ASSESSMENT OF MARGINAL WORKERS IN TAMILNADU-A SOCIO ECONOMIC ANALYSIS

TEAM MEMBERS:

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MANIBARATHI

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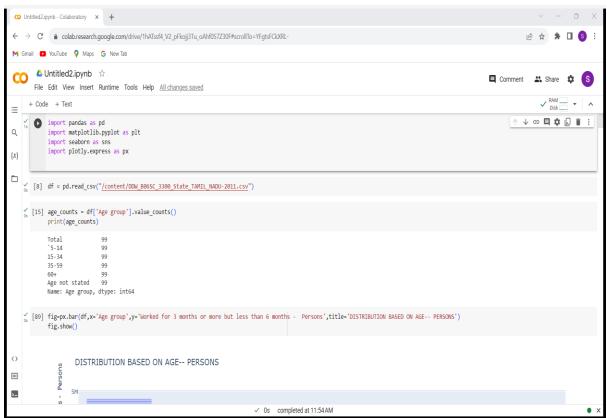
DEVELOPMENT PART 2: DEMOGRAPHIC ANALYSIS AND CREATING VISUALIZATIONS USINGS IBM COGNOS

OBJECTIVES:

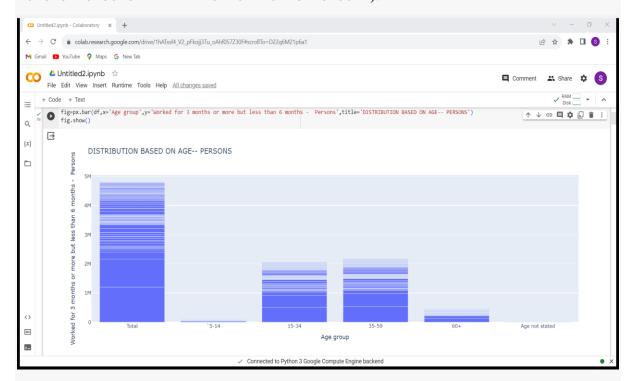
- Perform demographic analysis on the marginal workers dataset.
- Create visualizations using data visualization libraries (e.g., Matplotlib, Seaborn) to show the distribution of marginal workers based on age, industrial category, and sex.

DISTRIBUTION MARGINAL WORKERS BASED ON AGE:

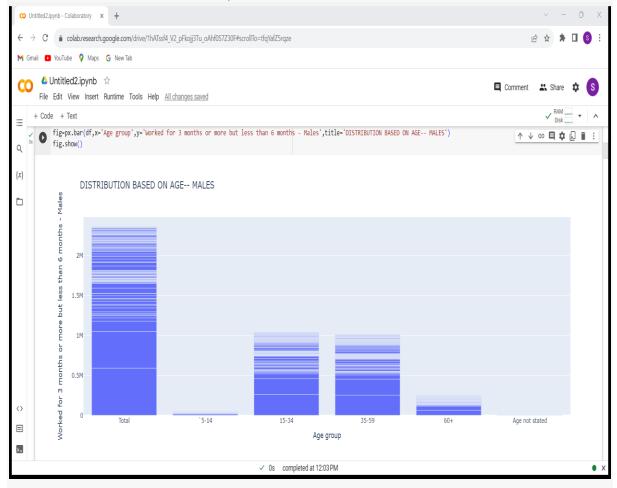
DEMOGRAPHIC ANALYSIS:



VISUALIZATION(Worked for 3 months or more but less than 6 months Persons WITH RESPECT TO AGE GROUP):



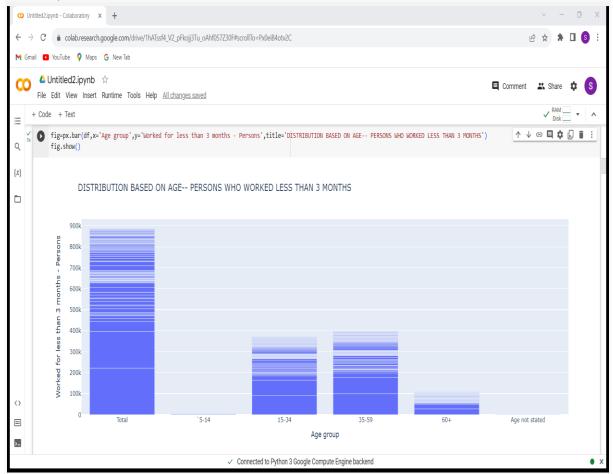
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m VISUALIZATION}({
m Worked}\ {
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m Males}$ WITH RESPECT TO AGE GROUP):



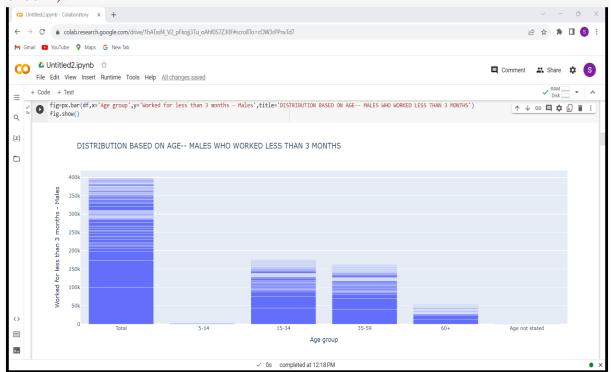
VISUALIZATION(Worked for 3 months or more but less than 6 months Females WITH RESPECT TO AGE GROUP):



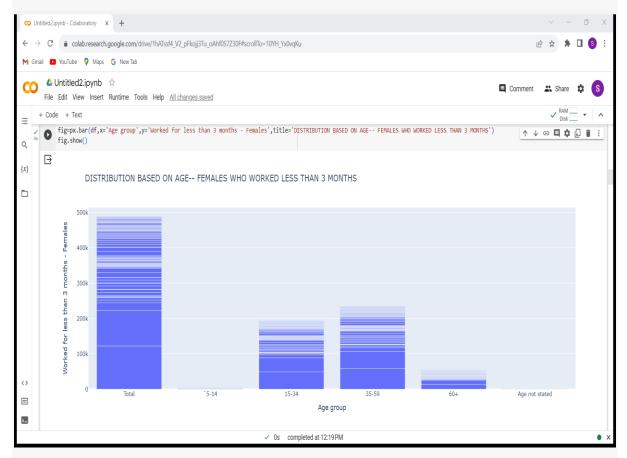
VISUALIZATION(Worked less than 3 months-Persons WITH RESPECT TO AGE GROUP):



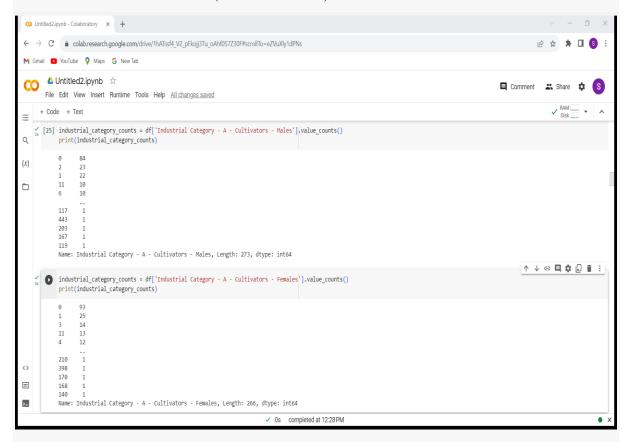
${\bf VISUALIZATION}$ (Worked less than 3 months-Males WITH RESPECT TO AGE GROUP):



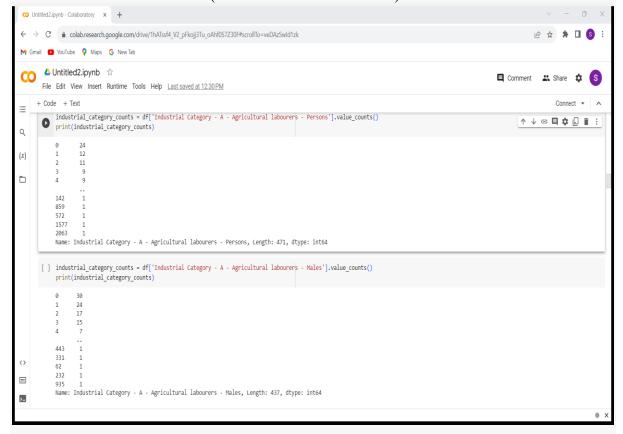
${\it VISUALIZATION}({\it Worked less than 3 months-Females WITH RESPECT TO AGE GROUP}):$

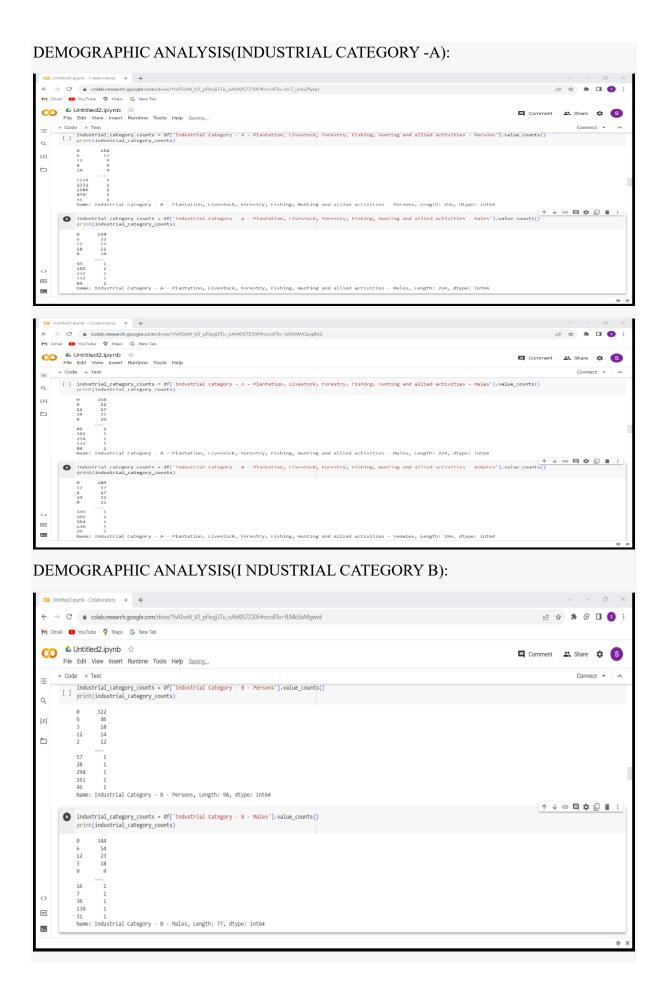


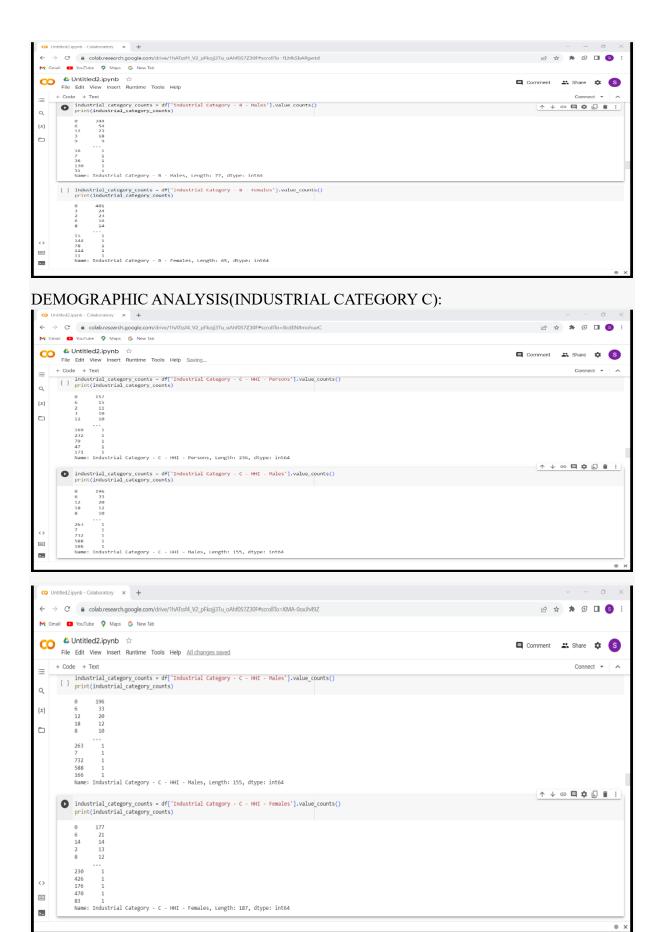
DISTRIBUTION MARGINAL WORKERS BASED ON INDUSTRIAL CATEGORY: DEMOGRAPHIC ANALYSIS(CULTIVATORS):

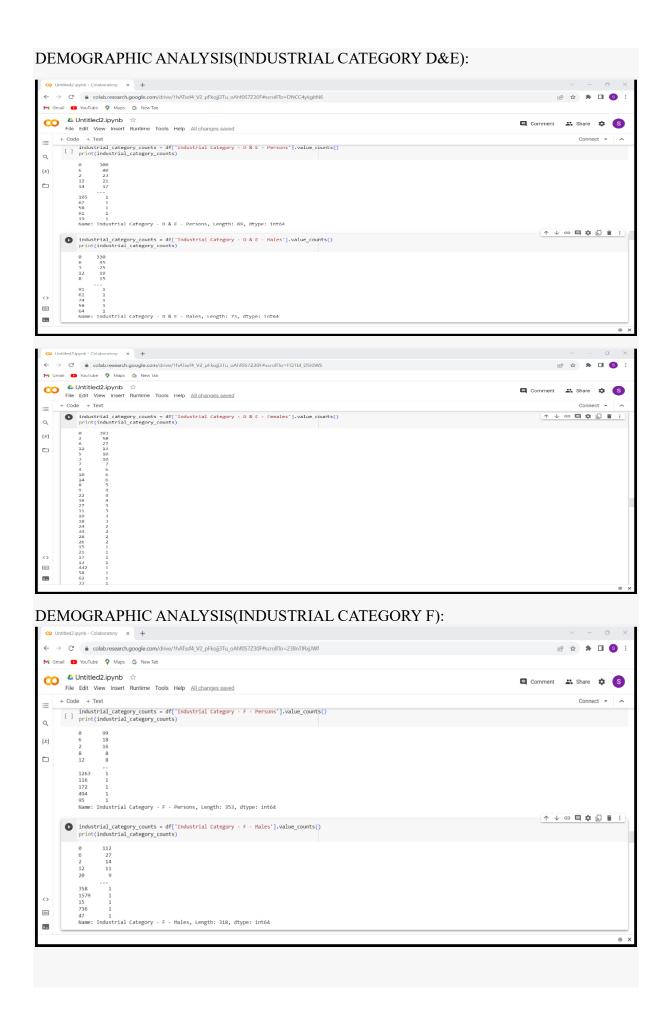


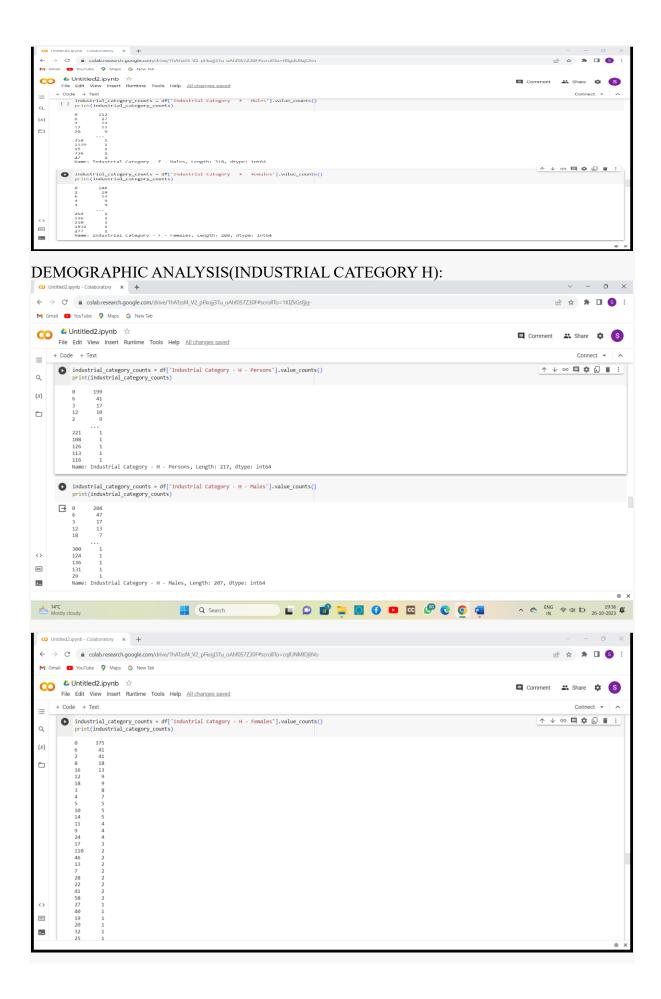
DEMOGRAPHIC ANALYSIS(AGRICULTUAL LABORS):

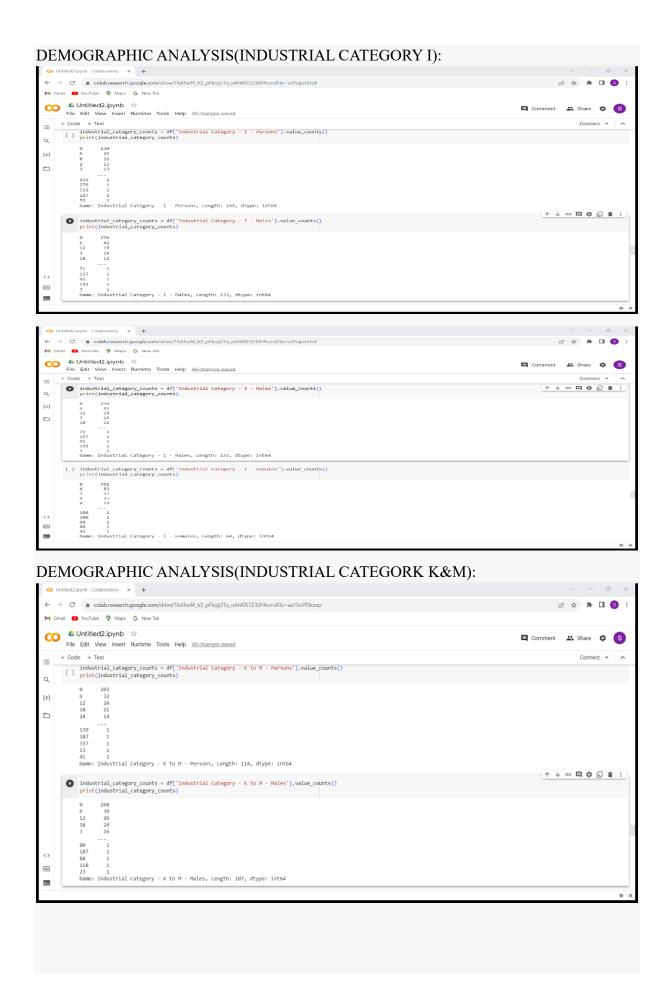


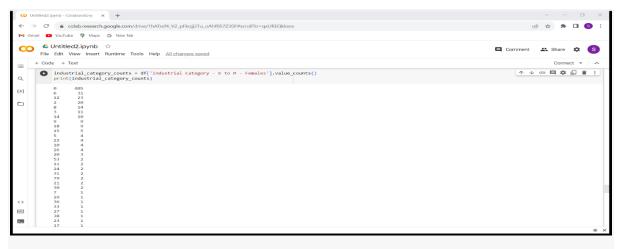






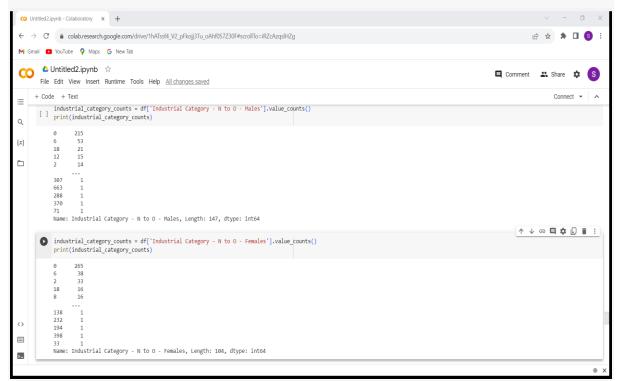


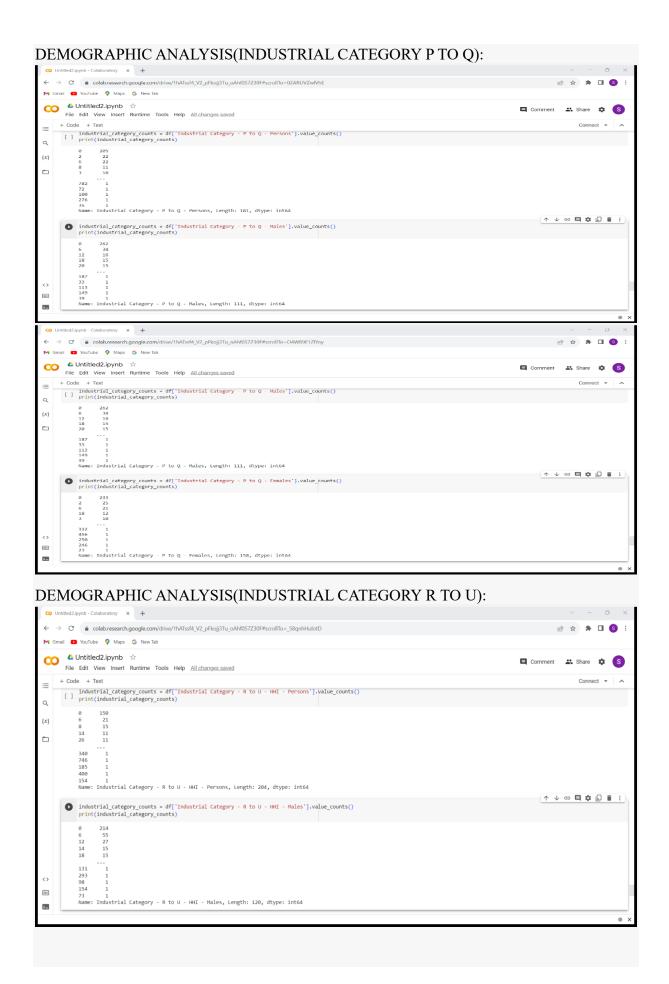




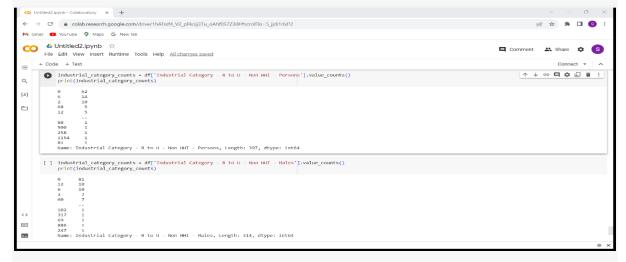
DEMOGRAPHIC ANALYSIS(INDUSTRIAL CATEGORY N TO O):

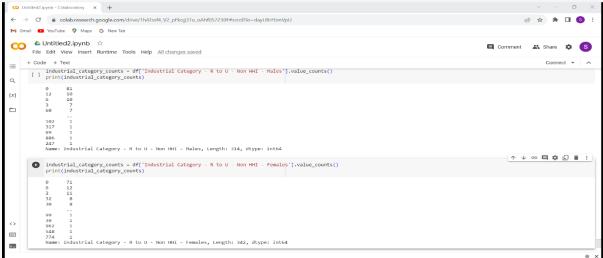






DEMOGRAPHIC ANALYSIS(INDUSTRIAL CATEGORY (R TO U NON HHI):





CONCLUSION:

Thus the demographic analysis and create visualizations are created

The distribution of marginal workers based on age, industrial category, and sex are calculated using data aggregation and manipulation.