Getting Started Lab

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Install the Necessary Packages

XLConnect

tidyverse

Library the Necessary Packages

readxl

tidyverse

Upload the Data

Name the data set “cpsaat03”

Use Sheet “ByAge”

Find Summary Statistics

Rename Variables

Civilian labor force Not in Labor force to NLF

Civilian NI pop to NIP

Civilian labor force Total to CLF

#create percentages#

Not in the Labor Force Percentage

Civilian Labor Force Total Percentage

Bar Chart of Civilian Labor Force Total with labels by Age

Scatter Plot of Age and Civilian Labor Force by Percent of Population

Change size to 10

Change size to 5, color to Red

Leave size Default, change color to Purple

Scatter Plot of Civilian Labor Force (Percent), Age, and Civilian Labor Force (Employed)

Scatter Plot of Percent of Population Not in Labor Force by Age with green dots for Ages with labor force non-participation over 50%