DVA LAB EXAM

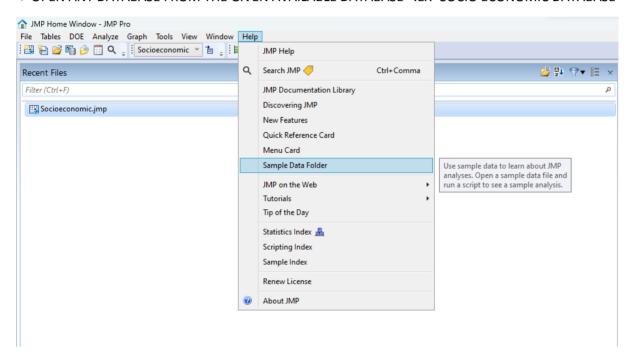
NAME:-PSAIVARUN

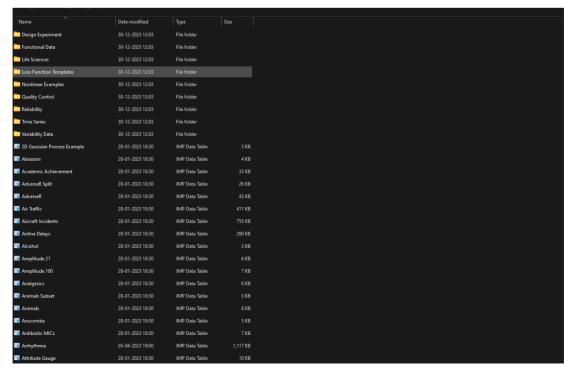
USN:-1BM21AI110

QUESTION - 3

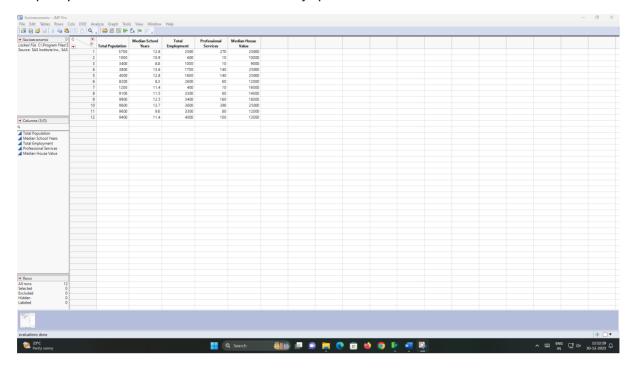
STEP 1-> OPEN JMP SOFTWARE

- ->CLICK ON HELP ->SAMPLE DATA FOLDER ->DATA SET
- -> OPEN ANY DATABASE FROM THE GIVEN AVAILABLE DATABASE .EX- SOCIO ECONOMIC DATABASE

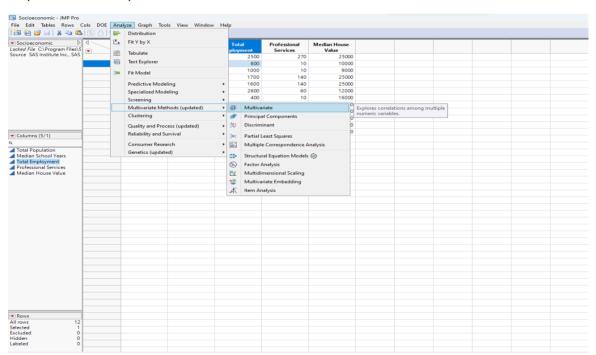




Step 2:- you will find the desired dataset on the jmp software

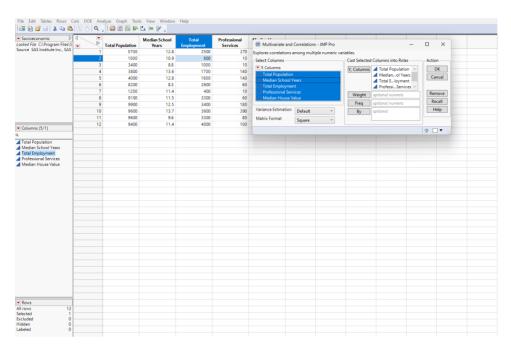


Step3:- click on analyse and then click on multivariate methods

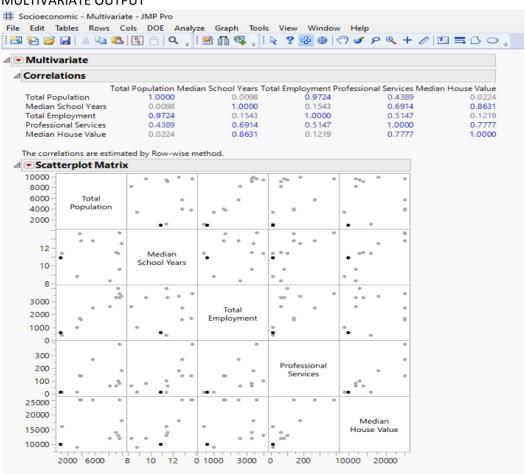


Step 4:- -> FOR MULTIVARIATE ANALYSIS OUTPUT

->CLICK ON MULTIVARIATE AND PASTE ALL THE COLUMNS IN THE Y-AXIS TO GET MULTIVARIATE ANALYSIS OUTPUT

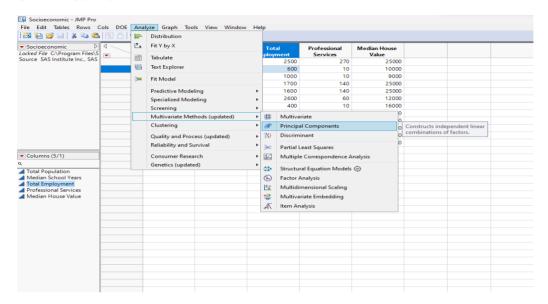


MULTIVARIATE OUTPUT



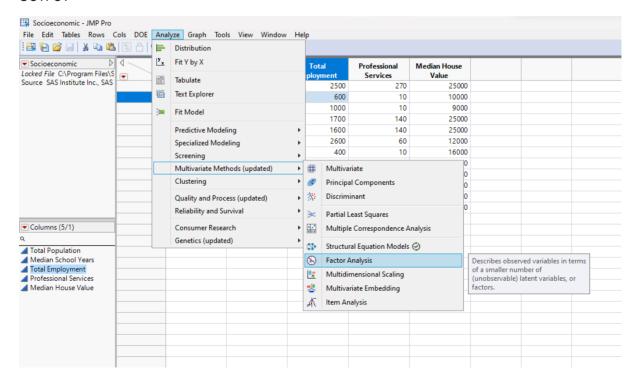
→ STEPS TO GET PRINCIPLE COMPONENT ANALYSIS (PCA) OUTPUT

STEP 1:- CLICK ON ANALYSE -> MULTIVARIATE METHODS -> PRINCIPLE COMPONENT ANALYSIS TO GET PCA OUTPUT

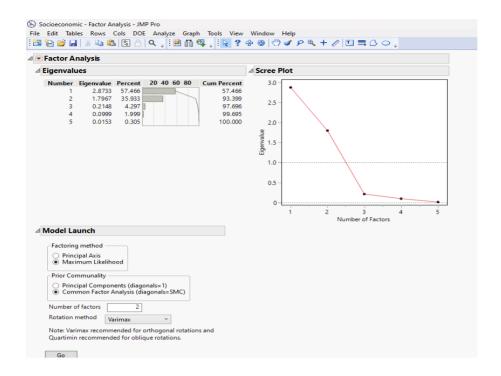


→ STEPS TO GET FACTOR ANALYSIS

STEP 1 -> CLICK ON ANALYSE -> MULTIVARIATE METHODS -> FACTOR ANALYSIS TO GET THE OUTPUT

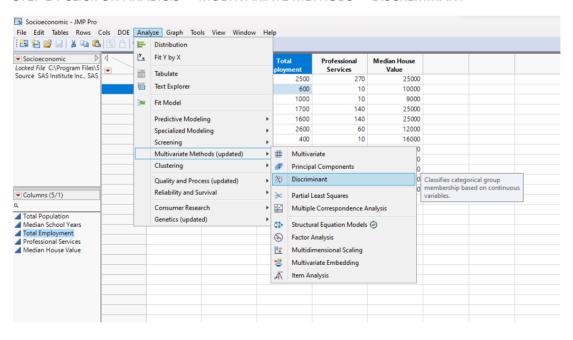


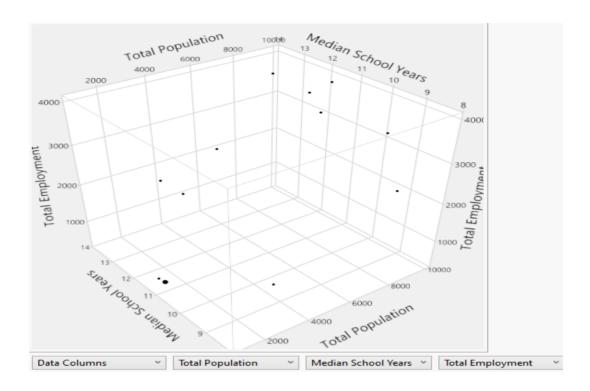
FACTOR ANALYSIS



→ TO FIND DISCREMINANT

STEP 1:-CLICK ON ANALYSIS -> MULTIVARIATE METHODS -> DISCREMINANT

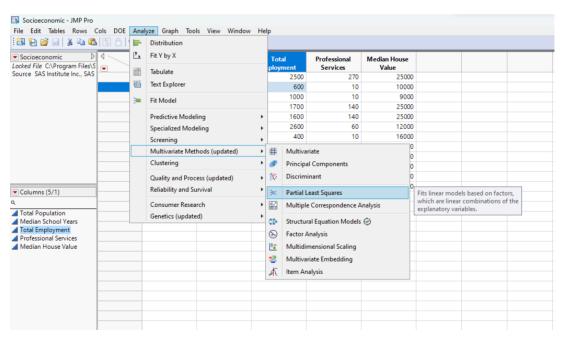


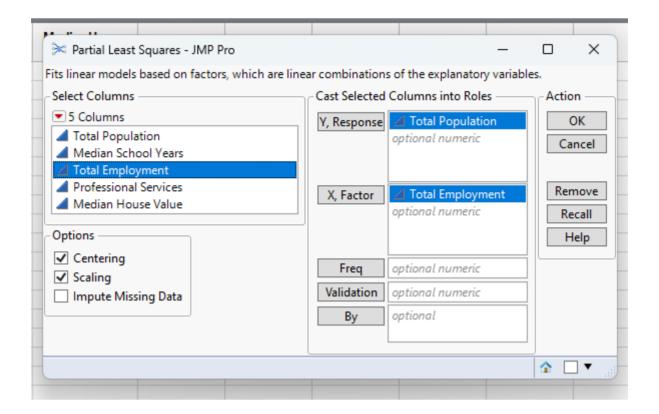


→ STEPS TO GET PARTIAL LEAST SQUARE (PLS)

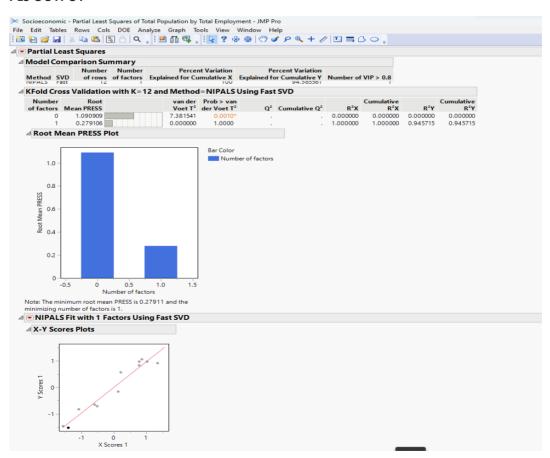
STEP 1:- CLICK ON ANALYSE -> MULTIVARIATE METHODS -> PARTIAL LEAST SQUARE(PLS)

STEP 2 :- SELECT THE REQUIRED X AND Y VALUES FROM THE TABEL AND DROP THEM IN THE RESPECTIVE COLUMN





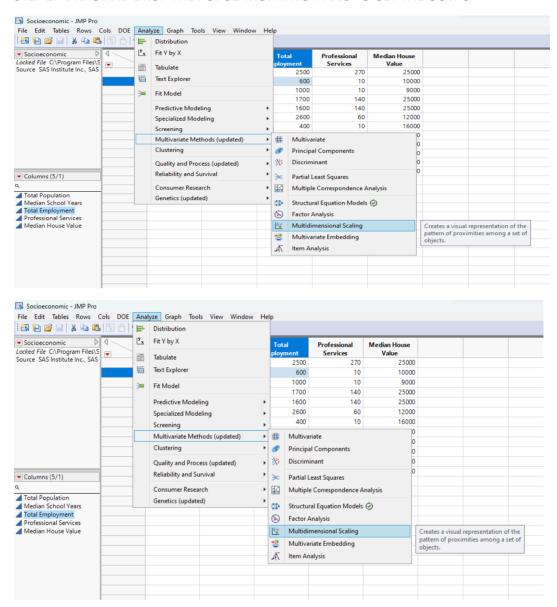
PLS OUTPUT



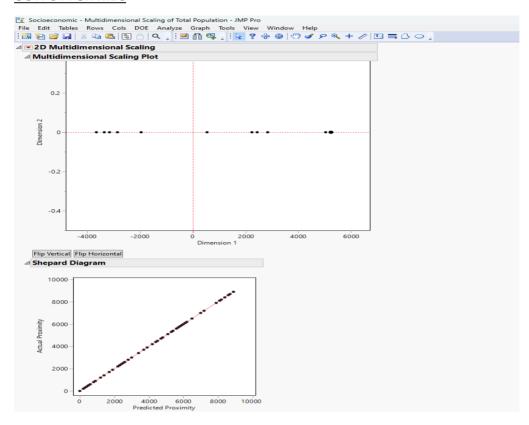
→ STEPS TO GET MULTIDIMENTIONAL SCALING (MDS)

STEP 1:- CLICK ON ANALYSE -> MULTIVARIATE METHODS -> MULTIDIMENTIONAL SCALING(MDS)

STEP 2:- DRAG AND DROP THE POPULATION INTO Y AXIS TO GET THE OUTPUT

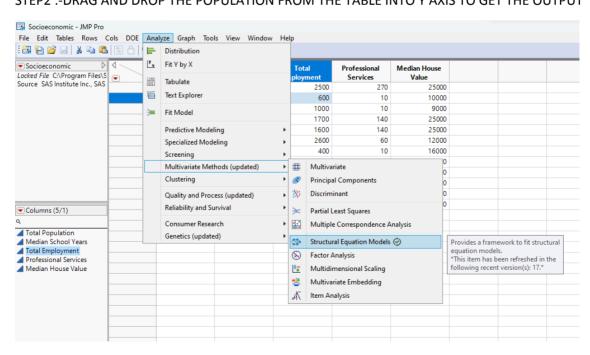


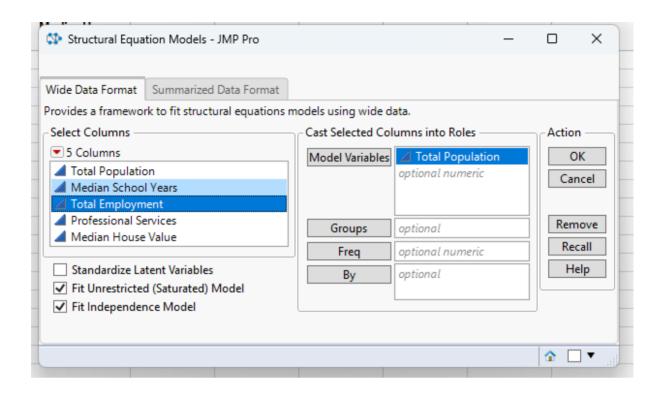
OUTPUT FOR MDS



→ STEPS TO FIND STRUCTURAL EQUATION MODELS (SEM)

STEP 1:- SELECT ANALYSE ->MULTIVARIATE METHODS ->STRUCTURAL EQUATION MODELS (SEM)
STEP2 :-DRAG AND DROP THE POPULATION FROM THE TABLE INTO Y AXIS TO GET THE OUTPUT





OUTPUT FOR STRUCTURAL EQUATION MODELS

