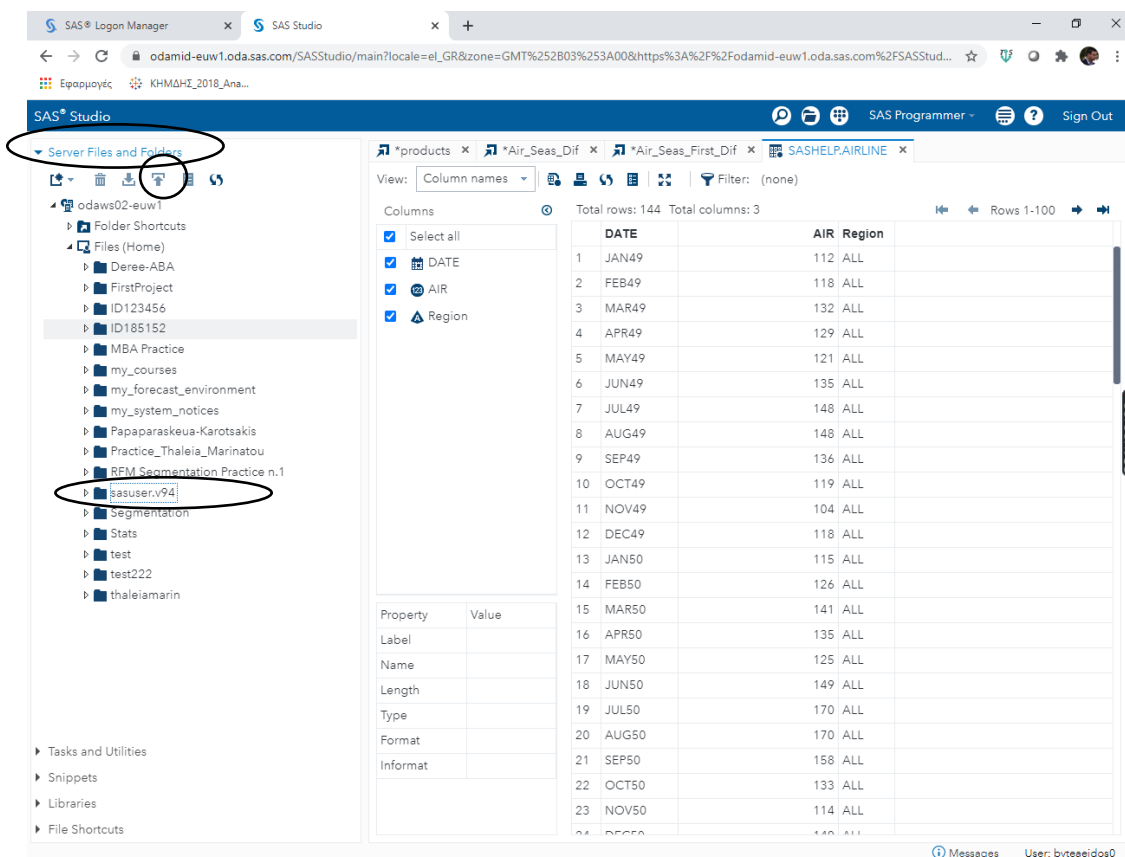


Demo Dynamic Regression – Choco SA Central Greece Raisins

- 1) Open google chrome
- 2) Go to welcome.oda.sas.com
- 3) Select Europe in the drop down menu and press sign in
- 4) Insert your credentials
- 5) In the dashboard select SAS Studio
- 6) On the left hand side select Server Files and Folders and then sasuser.v94
- 7) Press the upload button (the one with the arrow heading upwards).



- 8) Select the file “ChocoSA_CR_For_SAS.sas7bdat”
- 9) Press Upload
- 10) Open SAS Forecast Studio
- 11) In the projects window press New.
- 12) In step 1 name the project “Dynamic Chcoc” and press next.
- 13) In step 2 open the sasuser library, Select the “ChocoSA_CR_For_SAS” data set and press next.

- 14) In step 3 press next
- 15) In step 4 select date as the time id variable.
- 16) In step 5 select units as the dependent variable and price as the independent variable.
- 17) In step 6 press next
- 18) In step 7 set 12 in the Change the number of periods to forecast (horizon). Press Change Other Forecasting Settings and select the Model Selection tab. Check the Use Holdout Sample for Model Selection option and input 15 and 25. Press OK. Press Next.
- 19) In step 8 press finish
- 20) In the Forecast Summary window double click on the Model Type box. What do you observe? Press close.
- 21) In the Forecasting view window, comment on the characteristics of the time series.
- 22) Select the Modelling View window. In which family of models does the optimal model belongs to?
- 23) Press View -- > Selected Model
- 24) Go to Tables -- > Parameter Estimates. What do you observe?
ARIMAX(0,0,0) (1,1,0) 12 Price