

ASSIGNMENT

Q.1 Explain what do you understand by the term –panel data.

Q.2 Give 5 illustrations for panel data.

Q.3 Write the model equation for pooled OLS regression model pertaining to any specific application.

Q.4 How can you distinguish between FEM and LSDV model?

Q.5 Express the model form for LSDV model for any specific application

Q.6 How can you make a choice between FEM and REM by a working rule?

Q.7 There are 7 companies in the country which are producing cement. We want to build up the models for total cost of each company. They are measured in terms of

(i) Labor force participation

(ii) Cost for raw materials

(iii) Capacity utilization

(iv) energy consumption

How would you build pooled OLS model for the above application?

Q.8 For the application given in Q.7 above, write down LSDV model and REM forms to estimate total cost functions for these companies.