Importing Data in EViews

EViews is a modern econometric, statistics, and forecasting package that offers powerful analytical tools within a flexible, easy-to-use interface.

Using EViews, you can quickly and efficiently manage your data, perform econometric and statistical analysis, generate forecasts or model simulations, and produce high-quality graphs and tables for publication or inclusion in other applications.

EViews is designed with your workflow in mind. The innovative user interface simplifies every step of the process, from data input and import to data visualisation, statistical analysis, estimation, forecasting and model solving, and publication quality presentation output.

What is difference between cross-sectional data and panel data?

Example 1

Cross sectional data is collected at a particular point of time...For instance, say your are studying the GDP of 3 developing countries in year 1999 only .... So u have data like this :-

country   Time   GDP

India   1999   --

China   1999   ---

Brazil   1999   ----

This is your cross sectional data since you are studying the entities(Countries here) at some point of time i.e. (year 1999 here) .

Now, lets talk about panel data. panel data is when you study again say GDP of 3 developing countries over a period of time (say 3 yrs from 1999 to 2001)...So u have data like this:-

Country   Time   GDP

India   1999   .....
India   2000   ----

India   2001   .....

China   1999   -----

China   2000   ------

china   2001   -----

Brazil   1999   -------

Brazil   2000   ------

Brazil   2001   ----

Here you are studying the same entities i.e (China ,india and Brazil) over a period of time i.e. 3 yrs from 1999 to 2001. This is called panel data.

Example 2

تنظيم البيانات Data		
Panel data	**Cross sectional data** بيانات قطاعية او مقطعية	**Times series data** بيانات سلاسل زمنية
يتم دراسة اكثر من شركة او بنك خلال فترة زمنية معينة	يتم دراسة اكثر من شركة او بنك خلال سنة واحدة	يتم دراسة شركة واحدة او بنك واحد خلال سلسلة زمنية كبيرة
مثل - دراسة أداء البنوك المدرجة بالبورصة المصرية خلال الفترة (2015 – 2020)	مثل - دراسة أداء البنوك العاملة بالمملكة العربية السعودية خلال سنة 2020 - دراسة أسعار اسهم الشركة المدرجة بالبورصة المصرية خلال سنة 2018	مثل - دراسة أداء البنك الأهلي المصري خلال الفترة (1990 – 2021) - دراسة أسعار اسهم شركة جهينة خلال الفترة (2000 -2020)