

## tables and graphs

A table contains data about two or more variables, one of them is independent and other are dependent. graph is a visual presentation of the behavior of a variable over time (a time series graph) or of the relationship between two variables.

As example the table below present the relationship of a single variable has been presented at various time.

Table 1-1

Interest rate(2001-2007)

year	Interest rate
2001	12%
2002	8%
2003	9%
2004	6%
2005	4%
2006	5%
2007	3%

Questions:

1. Give the definition of economics?
2. List the main branches of economics?
3. Defined Microeconomics?
4. Defined Macroeconomics?
5. Give assumption table contains two variables and draw graph that explain the behavior of this variables?

## 6. Tranonomic analysis

A key assumption for economic analysis is that individuals, could be a person, a family or a firm, tend to make choices and select alternatives rationally, that they believe in their best interest. By rational, economists mean simply that people try to make the best choice they can, given the available information and resource.

Uncertainty people do not know what will turn out to be the most self-benefiting, so they simply select the alternatives that they expect to yield them the most satisfaction and happiness or the ones with the highest possibility to achieve it. In general, rational self-interest means that given a certain condition, individuals try to minimize the expected cost for a benefit or maximize the expected benefit with a cost