

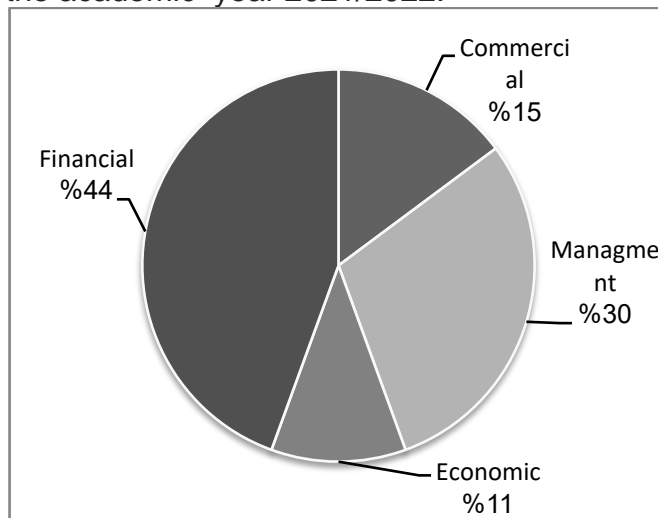
Series 2 : Tabular and Graphical Display of Qualitative variables

Exercise1 : The following data illustrates the sports played by 20 players in a sports team:

Volleyball- Swimming -Handball-Volleyball -Football-Basketball -
Football-- Volleyball-Basketball Handball- Football - Volleyball-
Volleyball- Volleyball-Swimming - Volleyball- Basketball-
Volleyball Basketball - Football-

- 1- Statistical Population, statistical unit, Studied Variable
- 2- Create a frequency table
- 3- Calculate the relative and percentage frequencies
- 4- Graphically Represent this data.

Exercise2 : The following representation shows the distribution of percentages for 1350 students by major for the second year of the academic year 2021/2022.



- 1- Statistical Population, statistical unit, Studied Variable
- 2- Title for the Graphical Representation
- 3- Explanation of the Representation
- 4- Calculate the Number of Students in each studied branch.
- 5- Graphically Represent this frequencies.

Exercise3 : The following table shows the distribution of blood types for a random sample of 69 individuals:

Blood types	AB	B	A	O
n_i	n_3	12	15	25

- 1- Statistical Population, statistical unit, Studied Variable
- 2- Find n_3 .
- 3- Calculate the relative frequency.
- 4- Graphically represent the data with an explanation.