ASM: FIRST HOMEWORK

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- Exercice 1: Let X be a quantitative r.v. and let x_1, x_2, \dots, x_n be a sample from it. Estudy how the sample mean and the empirical variance change by
 - a) adding a constant a to all the values,
 - b) multiplying by a constant a all the values.
- Exercice 2: Perform the analysis of the CPU time data set that appears at the end of the slides Mirisession2.pdf. Follow the steps of the data analysis stablished as a guidelines.
- Exercise 3: Analyze the FIFAdataset modeling the Acceleration as a function of : agility, sprint.speed, reactions and balance. Follow the steps of the data analysis stablished as a guidelines.

Important: The homework has to be upload to the Racó no later than September 25th at 12.00 pm. We recomend to work in pairs.