

## Info-metrics: some attractive tools for Data Science and Statistics

May 11<sup>th</sup> | 14:30 | Pedro Macedo

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### ABSTRACT

Info-metrics is a research area at the intersection of statistics, information theory, computer science and decision analysis, where the maximum entropy principle, established by Edwin Jaynes in 1957, plays a fundamental role. The maximum entropy principle provides a tool for solving ill-posed problems that occur in diverse areas of science and it can be seen as an extension of the Bernoulli's principle of insufficient reason. Some methodologies and related concepts from info-metrics will be briefly presented and illustrated in the webinar.



### SPEAKER

Pedro Macedo was a statistician at Portgás, a natural gas supply company, and is currently an assistant professor in the Department of Mathematics at University of Aveiro, and a member of the Center for Research and Development in Mathematics and Applications.