Introduction to Matlab programming

ECTS : 3

Langue du cours : Français

Volume horaire : 12

Description du contenu de l'enseignement :

This course introduces students to MATLAB as a programming and numerical computing environment widely used in economics and quantitative analysis. Over four sessions, students learn the fundamentals of MATLAB, including matrix and vector operations, data manipulation, plotting (2D and 3D visualizations), conditional statements and loops, user-defined functions, and basic optimization methods. The course emphasizes practical implementation, enabling students to translate mathematical problems into code and apply numerical techniques to economic data and models.

Compétences à acquérir :

Programming in Matlab, Matrix Calculation, Optimisation

Pré-requis obligatoires

Basic elements of programming can be useful; beginners are welcome

Coefficient : 1.00

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Université Paris Dauphine - PSL - Place du Maréchal de Lattre de Tassigny - 75775 PARIS Cedex 16