

	Thursday 4 July	Friday 5 July	Monday 8 July	Tuesday 9 July	Wed 10 July	Thursday 11 July
	<u>Applying Structural Equation Modeling (SEM) to management cases using EQS and Smart -PLS software</u>		<u>Panel Data Analysis with R</u>	<u>Introducción al Machine Learning (ML) amb Python</u>	<u>Introduction to Game Theory</u>	<u>Introduction to Bibliometric Analysis by Using the VosViewer Software</u>
Duration	8 hours (+2 additional workshop on Friday)		5 hours	5 hours	5 hours	5 hours
Price	160 €		80 €	80 €	80 €	80 €
	10:00-13:00 and 15:00-17:00	10:00-13:00 and 15:00-17:00	10:00-13:00 and 15:00-17:00	10:00-13:00 and 15:00-17:00	10:00-13:00 and 15:00-17:00	10:00-13:00 and 15:00-17:00
Program	<p>Introduction</p> <p>Rules for determining model parameters; model specification</p> <p>Model fit</p> <p>How EQS works and Smart-PLS work</p> <p>SEM application cases</p>	<p>Factorial analysis (exploratory and confirmatory)</p> <p>Research models with different constructs</p> <p>Mediation models</p> <p>Multi-group analysis</p> <p><u>Afternoon:</u></p> <p>-15:00: Workshop exhibition models of the participants</p> <p>-16:00: Analysis of the models of the participants with the professors</p>	<p>Introduction to R and start writing codes</p> <p>Call data, data cleaning and pre-processing functions</p> <p>Building panel data models (e.g., fixed-effects, random-effects, pooling-OLS, etc.)</p> <p>Running diagnostic tests</p> <p>Selecting final model and import the results from R to Word, Excel, etc.</p>	<p>Visión general de qué es ML y sus principales técnicas (Taxonomía)</p> <p>Presentación de las bases de datos que usaremos en el curso</p> <p>Algoritmos de clasificación</p> <p>Evaluación de los modelos de ML e interpretabilidad</p>	<p>Let's play!</p> <p>Information</p> <p>Simultaneous games: Nash equilibrium</p> <p>Sequential games: subgame perfect equilibrium</p> <p>Bayesian games: perfect Bayesian equilibrium</p>	<p>Bibliometric analysis as a literature review method</p> <p>Bibliometric analysis: methodology and main concepts</p> <p>Bibliometric analysis using VOSviewer Software</p> <p><u>Afternoon:</u></p> <p>Collective or one-on-one feedback session</p>