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An agent-based model (ABM) is a class of computational models for simulating the actions and interactions of autonomous agents (both individual or collective entities such as organizations or groups) with a view to assessing their effects on the system as a whole. It combines

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University of California, Davis Computer, Computational, & Statistical Sciences Division Los Alamos National Laboratory Quantifying Social Fields, 2012 Williams, Agent-Based ModelingAgent-Based Modeling - History and ApplicationsAgent-Based Modelling: An Overview with Application to Disease Dynamics Affan Shoukat1,* and Seyed Moghadas1 1Agent-Based Modelling Laboratory, York University, Toronto, ON M3J 1P3, Canada *ashoukat@yorku.ca ABSTRACT Modelling and computational methods have been essential in advancing quantitative science, especially in the past twoAgent-Based Modelling: An Overview with Application to ...In

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