Training courses for students, practitioners and IMF leaders

Master class

Microfinance and Financial Inclusion

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Dr. Nahla Dhib

Teacher-researcher at University of Cote d'Azur, Nice France

Dr in Economics, Expert on Microfinance, Mathematical Finance, modelling and data analysis

math.unice.fr/~nahla

Overview

This training is a high course on Microfinance for practitioner and MFI leaders . It aims to understand the mechanism of Microfinance tools leading to financial inclusion. Based on basic rules, high stochastic processes, we study some cases and propose models showing how to implement the way to avoid the trap of poverty by micro lending, micro saving and micro insurance.

Goals

1. Define the characteristics of an optimal contract for successive loans which avoid the default

2. Identify the best strategy to involve financial inclusion.
3. Understand how to predict pricing which involves positive interaction between IMF and client.

Description

It contains different axes such as:

- How succeed your accompanying mission to help client getting out from the trap of poverty
- Identify the characteristics of contract of successive loans especially the size which avoid the strategic default.
- Identify the characteristics of contract such optimum time leading to financial inclusion.
- Predict your optimum pricing (interest rate) to involve the performance of MFI; analysis case used machine learning..
- Identify the best strategy, the best decision to face the consequences of Covid-19 crisis. How to choose the best policy to predict the optimum profit for borrower and lender.
- Is micro lending is sufficient to get inclusion without default?
- New services, optimum pricing and timing to succeed your mission after the economic serious crisis 2020.

Bibliography of Dr Nahla Dhib

Dr. Dhib's primary research interests include mathematical finance, mathematical modelling of economics (Markov processes on Microfinance, Markov decision process (MDP), dynamic optimization, economic behavior, liquidity issues, financial inclusion and credit risk), game theory, stochastic integration theory, data analysis (as a branch of mathematical statistics) and quantitative analysis (as a branch of applied economics), decision analysis (CART, Bayesian regression..).

She has taught mathematical finance, modeling & statistics, data analysis, probability & statistics, stochastic calculation for finance at "Cote d'Azur University" since Sept 2018.

She is an expert on Microfinance and on business analytic, senior researcher on interaction strategy.