ECONOMICS, FINANCE, CONTROL & LAW

Meryem Schalck
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Biography

Meryem Schalck is professor of data science at IPAG Business School. She holds a PhD in Economics from the University of Orléans and publishes in ranked journals on AI and Machine Learning in business. She has 15 years of professional experience in the insurance sector as a data scientist, and therefore on data processing and predictive analysis tools for managerial decision support. She has participated in several projects involving national and international teams resulting in various deliverables for customers, colleagues, and management. Currently, she teaches several courses at IPAG Business School in various programmes (PGE, BBA, MSc) on AI and news technologies for Business.

Education

2022: Ph.D in Econometrics and Machine Learning, University of Orleans (France)
"Investigating New Machine Learning Approaches for Financial Fraud Detection and Survival Analysis in Insurance Industries"

2017: Data science certificate (Executive), The *Institute of Risk Management (IRM)*

2007: Master of Mathematical Engineering (Applied Statistics), *Paris-Sud University*

Teaching Areas

- Digital and Sales

- News technologies for Startups

- No Code

- Business Game

- Data analysis for Business Management

- Statistics

- Introduction to Statistics

Research Areas

- Data Science and AI

- Insurance sector

- Econometrics models

Professional experiences

Assistant Professor of Data Science at IPAG Business School (Nice)

Senior Consultant – Fraeris (Paris)
In charge of support clients in their project's development and development of technical solutions.

Addactis - Pricing & Data P&C (Senior Manager-Paris)
In charge of support clients in their project's development, innovative solutions and in the development of their strategy.
Expert referent ADDACTIS® Pricing software.

GI Analytics - Aviva Insurance (Paris)
Development of actuarial and predictive analytics tools, support actuarial departments work, provide documentation, international coordination of R&D units, and internship supervision.

Non-life actuary / Statistician – Tricast (Prima Solutions-Paris)
Development of statistical and actuarial techniques for the TRICAST package using SAS programming tool for the insurance **sector. Technical and statistical support for clients.**

Conferences
69th Congress of the French Economic Association (AFSE) held on June 8-10, 2021.

Selected publications

Yankol-Schalck, M. (2022). A Fraud Score for the Automobile Insurance Using Machine Learning and Cross-Data set Analysis, *Research in International Business and Finance,* Volume 63, December 2022, 101769.

Schalck, C., Yankol-Schalck, M. (2021). Failure Prediction for SME in France: New evidence from machine learning techniques, *Applied Economics, 53*(51), 5948-5963.