

## Assistant Professorship Position in AI for Finance

at ENSAE Paris - CREST

ENSAE Paris and CREST are recruiting an Assistant Professor (tenure-track) in the field of Artificial Intelligence applied to finance. The recruitment benefits from the financial support of Hi! PARIS, Paris Artificial Intelligence center for Society and Business.

### Candidate Profile

Candidates should have a recognized research activity in machine learning and its applications to finance or in financial modeling based on AI tools. We aim for publications in leading journals across several fields, including machine learning and computer science (e.g., *JMLR*, *JAIR*, *Pattern Recognition*), quantitative finance (*Mathematical Finance*, *Finance and Stochastics*), and financial/stochastic modeling (*Annals of Applied Probability*, *Journal of Econometrics*, *JBES*). We also target established journals in broader disciplines such as *Journal of Finance*, *Management Science*, and *Annals of Operations Research*.

CREST is an interdisciplinary lab that includes teams in economics, finance and insurance, statistics and machine learning. The candidate should be able to interact scientifically with colleagues specialized in finance, statistics, and computer science at CREST and other labs of Institut Polytechnique de Paris.

### Teaching duties

The recruited candidate will teach in the ENSAE engineering program as well as in partner master programs at Institut Polytechnique de Paris.

### Terms and conditions

The appointment starts no later than September 1, 2026. Salary is competitive according to qualifications. Teaching duties are significantly reduced compared to French university standards. The incumbent will have access to substantial research funds covering in particular the funding of a doctoral student.

The position is attributed for an initial three-year term (during which teaching duties is reduced by half if the PhD was obtained less than 3 years earlier), renewable for another three years (with full teaching duties) before the tenure evaluation based on publication track record as well as teaching feedback.

### Candidate Requirements

- PhD in Applied Mathematics, Quantitative Finance, Computer Science, Financial Econometrics.
- Publications or potential to publish in leading international journals in Machine Learning, Applied Probability, Finance, Econometrics and/or Statistics.

- Ability to teach Machine Learning/AI/Quantitative Finance at the undergraduate and graduate levels, and to supervise student projects in these areas.

Application documents should be submitted in French or English to [jean-david.fermanian@ensae.fr](mailto:jean-david.fermanian@ensae.fr); they should contain:

- A Curriculum Vitae;
- A research/job market paper;
- Details of current and future research projects (research statement) and past teaching activities;
- Three letters of recommendation.

**Application deadline: 5 January 2026**

Selected candidates will be invited to present their work at ENSAE-CREST.

**Contact persons**

- Jean-David Fermanian, Head of the Finance-Assurance lab: [jean-david.fermanian@ensae.fr](mailto:jean-david.fermanian@ensae.fr)
- Arnak Dalalyan, Director of CREST : [arnak.dalayan@ensae.fr](mailto:arnak.dalayan@ensae.fr)
- Fabien Perez, Head of Graduate Studies at ENSAE Paris : [fabien.perez@ensae.fr](mailto:fabien.perez@ensae.fr)

The members of CREST's Finance/Insurance team conduct research in a wide variety of fields: financial econometrics, risk management, applications of artificial intelligence techniques in finance and insurance, cyber risks, energy finance, green finance, etc.

ENSAE Paris is an engineering school part of ENSAE-ENSAI group, a public institution of higher education and research specialized in Economics, Statistics, Finance, Insurance and Sociology.

CREST (Center for Research in Economics and Statistics) is a joint research unit between CNRS, ENSAE-ENSAI group and Ecole Polytechnique, covering the same scientific fields.

The Institut Polytechnique de Paris is a world-class Institute of science and technology encompassing six prestigious French Engineering Schools: École Polytechnique, École nationale des ponts et chaussées, ENSTA, ENSAE Paris, Télécom Paris, Télécom SudParis.

Hi! PARIS is the Center on Data Analytics and Artificial Intelligence for Science, Business and Society created by Institut Polytechnique de Paris (IP Paris) and HEC Paris and joined by Inria (Centre Inria de Saclay).

ENSAE-ENSAI group *recruits, employs, and promotes regardless of race, religion, color, national origin, sex, disability or age as required by applicable law.*