

Who better to give professional advice than students who have gone through the same situations as you?



Dilia Carolina Olivo
Telecom Paris – La Banque
Postale



Ahmed Lachtar
ENSTA Paris – Ernst &
Young



Brayam Velandia
Telecom Paris – Technopolis
Group

Let's get to know each other...

Education and specialization ?

Current job position and company?

About me



Dilia Carolina Olivo

PhD candidate
dilia.olivo@telecom-paris.fr

Born in:
Santo Domingo, DR

Grew up in:
Miami, FL,
USA

Lived in:
Paris and
Lille, France

Lived in:
Palo Alto, CA,
USA



Professional experience



Data Scientist

La Banque Postale (2018 - 2020)
Paris, France

Education



PhD candidate in Economics

Télécom Paris (2020 – present)
Paris, France



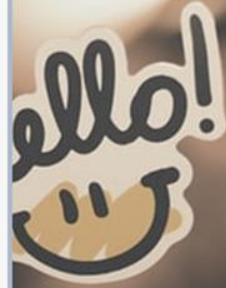
Master of Science in Data Analytics

IESEG (2017-2018)
Lille, France



Bachelor of Science in Physics

Stanford University (2011 – 2015)
California, USA



About me



Brayam Santiago Velandia

From Colombia

Expérience



Data Scientist - Apprenticeship

Technopolis Group

sept. 2021 - aujourd'hui · 11 mois

París, Isla de Francia, Francia



Data Scientist Consultant Junior

Lado B

juin 2019 - juil. 2020 · 1 an 2 mois

Formation



Université Paris Dauphine - PSL

Master's degree, Network Industries and Digital Economy

2021 - 2022

Master IREN is a joint Masters degree offered by french top engineering "Grandes Ecoles" and Universities : Ecole Polytechnique, Télécom Paris, CentraleSupélec, Université Paris Dauphine



Télécom Paris

Diplôme d'ingénieur · Artificial intelligence and Data Science

2020 - 2022



Universidad Nacional de Colombia

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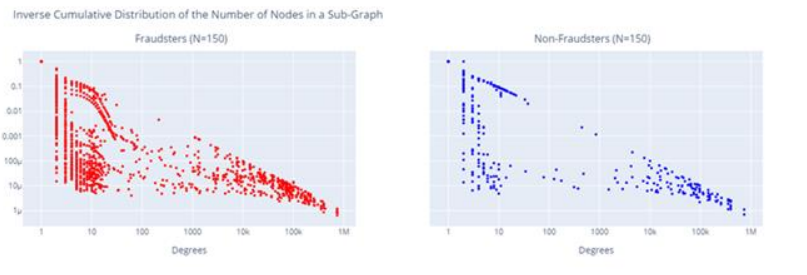
2015 - 2020

The Problem with Automated Explanations

1. Difficulty interpreting explainability models
 2. Mathematical shortcomings of game-theory and perturbation-based methods, or the assumption of variable independence
 3. Lack of rigour in determining causality, or the assumption of real-world impact
- Explaining why or even how a black model made a decision is much more complex than perturbation-based modelling.
 - It is an epistemological question requiring insights from causal analysis that can be difficult to perform
 - Justifying decision to accuse someone of fraud, crime, etc. requires causality, logic, arguments.

Areas of Research and Interest

1. Working paper : Leveraging graph structures for explainable automation of fraud detection (rare event predictions)



2. Knowledge graphs for intuitive machine learning and explanation generation
3. Causal inference in machine learning predictions

Let's discuss about your experience...

Could you describe your job – some of the tasks/missions you are working on?

How do you position yourself in relation to other employees? Do you mainly work with other data scientists?

What do you really enjoy about your work – being a data scientist?

What would you recommend to prepare job interviews (technical/HR) / for job search?

Would you like to share a meaningful experience you had at work?

What would you like to do in the next few years?

Which skills are the most valuable in AI job market?

Targeted questions and open discussion



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