

Aivancity's Understanding AI & Big Data

aivancity
School of AI & Data for Business & Society
Paris Region · Nice Côte d'Azur

R BIG RED
EDUCATION
BEYOND THE CLASSROOM.



WORKSHOP DETAILS



Students get a **Completion Certificate** from the university.



Opportunity to get a **Letter of Recommendation** from the University.



3rd -7th January 2025
9am to 3pm IST



The Shri Ram School,
Moulsari Campus, **Gurugram**



Grades 9-12



INR 55,000 + GST



Deadline :
27th December 2024

EARLY BIRD Fee- INR 45,000 + GST

Deadline: 25th Nov 2024



WHAT IS AIVANCITY'S UNDERSTANDING AI & BIG DATA?

Hands-on AI exploration and project development

Students will work on real AI projects, including creating chatbots, experimenting with facial recognition, and exploring robotics, providing practical knowledge and a deeper understanding of AI technologies.

Discover AI careers and transform tomorrow's jobs

Discover the wide range of cool AI careers and learn how this technology is changing the way we work. This program will give you a sneak peek into the future job market and show you how AI skills can open up amazing opportunities. Join us and get a head start in the world of AI!

#1 SCHOOL

IN AI & DATA SCIENCE IN FRANCE

A modern pedagogy based on the hybridization between disciplines



Learn from Aivancity Experts!

Day 1:

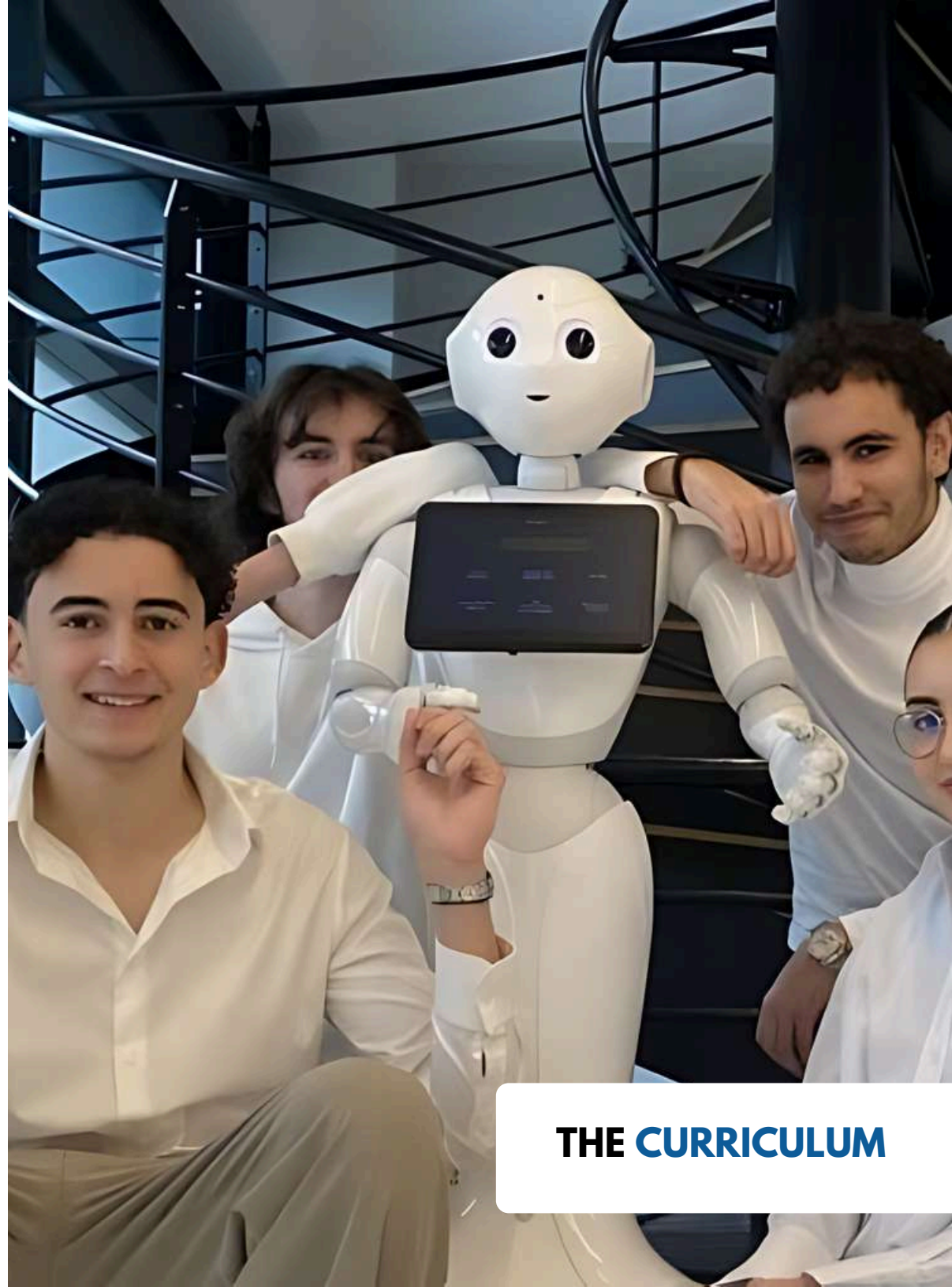
- Introduction to AI with examples
- Applications of AI in various domains: Analytics, Video Games, Vehicles, Smart city, etc
- Data collection and analysis
- Project: Data collection and analysis- Part 1

Day 2:

- Project : Data collection and analysis- Part 2
- Machine Learning: Examples, concepts, how it works; Image Detections
- Practical session on simple Machine Learning Model: Using no-code framework & Radiology of animal

Day 3:

- Deep Learning Basics: Examples, concepts, how it works; Image Detection
- Practical session on simple Machine Learning Model- Part 2
- Project: Machine Learning, Neural Network- Part 1:
 - Working on the chosen dataset
 - Test existing models of machine learning or deep learning
 - Extract visualisation of results



THE CURRICULUM

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Day 4:

- Project: Machine Learning, Neural Network- Part 2
- Ethics of AI- Open discussion with example of ethics dilemma, Biased dataset, health related question, sensitive data learning, etc
- Project: Ethics- Reflexion on ethics implication of the chosen dataset

Day 5:

- Generative AI: LLM, examples; Mechanisms behind generative AI
- Project: Generative AI- Output production by generative AI; What kind of result could be generated on the chosen dataset
- Project presentation
- Awards Ceremony



A fantastic hands-on AI experience! Building real projects made learning exciting and practical.

-Alex P.



KNOW YOUR AIVANCITY

Mentor



Dr. Etienne Mauffret holds a Doctorate in Computer Science from Université Savoie-Mont Blanc.

He has served as a temporary teacher-researcher at ENS Lyon and has conducted research at Pierre et Marie Curie University, Polytech' Anancy Chambéry, and ENS de Lyon.

Dr. Etienne Mauffret,
Prof. & Head of the Master of Science
Data Engineering, **Aivancity**

CERTIFICATE OF COMPLETION

aivancity hereby certifies that

Full name

has successfully completed
Aivancity's Understanding AI & Big Data

January 3-7, 2025 at The Shri Ram School, Moulsari Campus, Gurugram

Date of achievement: January 7th, 2025

Dr. Tawhid CHTIQUI
Dean aivancity



On Completion, students get a **Certificate of Achievement** from Aivancity.

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