Program head
Emmanuel Rachelson
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>50 trainers, experts from academia or major companies

2015-16: 19 students
2016-17: 30 students
2017-18: 53 students

Supaero curriculum

1st & 2nd year	Gap year	3rd year
Core eng. courses	Professional experience	Data and Decision Sciences program
Elective courses : - Markov chains - Applied optimization - Intro to Big Data ...		Internship

Hackathon

3 days challenge – real-life data
Industrial partners
2016 edition on image analysis with IRT – Saint Exupéry
Link to 2016 edition press release

Masters of Science

- Operations Research
- Applied Mathematics

Syllabus

Data Mining & Machine Learning
Advanced Statistics – Supervized, Unsupervized, Reinforcement Learning

Foundations in Decision Making
Decision Theory – Statistics – Optimization

Tools of Big Data
Databases – Programming – GPGPU
Distributed computing – cloud computing

Digital Economy and Data Uses
Business models – Privacy – Data storytelling

Internships

Dassault, Airbus, Sopra Steria, Air France, Bloomberg, Thales, Start-ups, international research institutes...