Track in Data Science - DS

▲ **In the last few decades, companies have accumulated overwhelming amounts of data. Using statistical data mining methods, one can detect tendencies, hidden patterns and knowledge nuggets, and use them to make strategic decisions. This process is of crucial importance in all sectors of activity, and in particular for business, science, politics, security, healthcare, etc.**

CURRICULUM

M1 - YEAR 1
Brest campus

> Communication networks basics
> Mathematical tools
> Probability, statistics & digital signal processing
> Introduction to data science
> Software & data engineering
> Signal, data and statistics
> Languages and logic
> Projects & workshops
> Engineering project
> French language classes

M2 - YEAR 2
Brest campus

> Statistics
> Decision support systems
> Knowledge engineering
> Data mining
> Graph theory and social networks
> Decision-making support
> Project
> Master thesis / internship
> French language classes

Courses are subject to change without notice

Accreditation from the Ministry of Higher Education, Research and Innovation No. 20171079

Bridging semester taught in English

6-month paid internship in a company or lab

Free application!

IMT Atlantique
Bretagne-Pays de la Loire
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\#

#DataScience
#ArtificialIntelligence
#DataWarehouse
#DecisionAiding #DataMining
#KnowledgeBasedSystems
#KnowledgeDiscovery

RESEARCH EXPOSURE

The MSc is managed by the IMT Atlantique teaching and research departments in Information Technology, Image and Information Processing, Logic of Uses, Social Sciences and Information (LUSSI).

CAREER OPPORTUNITIES

Data miner / analyst, Analytics manager, Decision support system designer, R & D engineer, Business analyst, Consulting expert, Researcher and academic, etc. Possibility to continue in PhD.

ALUMNI TESTIMONY
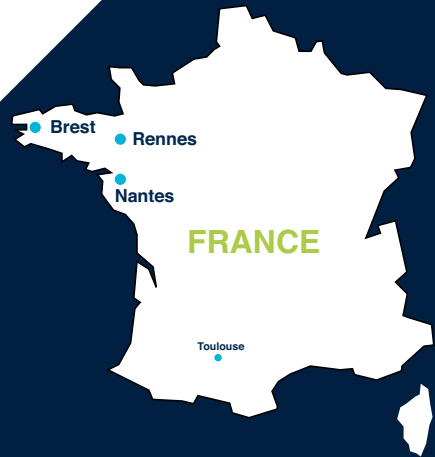### Daniel ARDILA (Colombia)

"I truly believe that the way in which this program is structured prepared me to be a valuable professional. I am confident to say that IMT Atlantique and the MSc in Information Technology were crucial to start my career in a top company."

ThalesAlenia Space
a Thales / Leonardo company

BNP PARIBAS

orange Orange Labs

DASSAULT AVIATION

Brest
Rennes
Nantes

FRANCE

Toulouse

IMT ATLANTIQUE

IMT Atlantique is a *"Grande Ecole"* ranked among the best French Graduate Engineering Schools, and recognized internationally as a leading Technological University (Shanghai, QS and THE rankings). It is a member of IMT, the largest group of public Engineering and Management Graduate Schools in France.

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