

# Embark on the online Master of Science (MSc) in Artificial Intelligence and Big Data (based on MOOCs\*)

## About BIHAR & eBIHAR



BIHAR (*Big Data Intelligence for Human Augmented Reality*) is a 2 years Master of Science degree (MSc) in Computer Science from ESTIA ([www.estia.fr](http://www.estia.fr)) the School of Engineering in the South West of France, with a strong focus on Artificial Intelligence and Big Data. BIHAR corresponds to 120 ECTS\*\* with 4 semesters or 90 ECTS with 2 semesters for those accepted with a Bachelor in 4 years or a 1st year MS degree in Computer Science. Dual Master degree is possible with University of Siena (Italy), EMU (Cyprus), and eMIAGE (University of Lyon).

eBIHAR is a 1 year online Master of Science degree which corresponds to the MOOC version of BIHAR MSc. eBIHAR program is divided into two parts : 2/3 of online courses are brought by professors from ESTIA & the University of Siena, and 1/3 of the online courses are provided by Oracle and Google. This Master's degree is part of Datum Academy's strategy to produce and launch high level professionalizing European MOOCs with dual academic and industrial certification.

\*MOOCs: "Massive Online Open Courses" are 2.0 tutored online courses with social networking among students and professors

\*\*ECTS : European Credit Transfer System

Are you ready to take the digital leap ?

Enroll at [www.datumacademy.com](http://www.datumacademy.com)

Registrations will start in January 2021  
The eBIHAR Master will start in October 2021

BIHAR & eBIHAR curriculum is built around 3 job skills : Big Data Management, Big Data Analyzis & Artificial Intelligence, Big Data Application Development (web and mobile). The main goal of this Master's degree is to train you to become experts in the use of Artificial Intelligence in the management of Big Data and in the development of mobile and web applications. Learn about Artificial Intelligence and Big Data both from the academic concepts and practice with industry tools.

### Key Benefits

- " Getting a complete European/accredited Master degree in Artificial Intelligence and Big Data (90 ECTS)
- " Obtaining a 1 year European MSc degree in Computer Science based upon MOOCs (in 2 languages : French & English)
- " Giving you the best expertise from both international academic and professional industry
- " Learning 5 key jobs in the Data Economy : Data Engineer, Big Data Architect, Data Scientist, Cloud and Cybersecurity Project Manager, and Mobile/Web Developer
- " Accessing Oracle exclusive courseware and lab environments that provide real world training on Oracle Cloud
- " Accessing two Google courses on Artificial Intelligence & Cloud
- " Enrollment are possible anytime on Datum Academy website [www.datumacademy.com](http://www.datumacademy.com)
- " Potential Oracle & Google Certification
- " An international initial network of Digital Connected Campuses : UNISI (Siena, Italy), EMU (Cyprus), ESATIC (Ivory Coast), UCBL (eMiage, Lyon), ASU (Russia), AMRITA (India), VIGO (Spain), ITU (Madagascar), AFRIA (Bénin), DNIIT DANANG (Vietnam), ESIH (Haiti) ...

### Micro-Credentials /SKILLS with dual certification leading to jobs

Access training courses delivering 3 to 6 ECTS and Oracle /Google certification: a bundle of one or two MOOCs from the MSc eBIHAR with an industrial course.

Two industrial platforms :



#### GRADEO with GOOGLE :

Take one or two academic MOOCs along with a Google course giving you the keys to become a Data Scientist.

#### GRADEO with ORACLE UNIVERSITY :

Follow one or two academic MOOCs bundled with an Oracle course giving you the keys to become an expert in SQL, Big Data Architect.

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