The “Big Data” phenomenon is rooted in the field of data science and engineering, which aims at developing both computer and mathematical tools for data storage and processing. An increasing volume of data are daily produced by modern day industrial processes (in fields such as energy, intelligent transport systems, aviation industry and many others...), and fuelled by the rise of multimedia tools and the Internet of Things in our daily life. The master in Data Science and Engineering aims at combining computer and statistical sciences to develop cutting-edge and fundamental tools to efficiently address applied issues related to data processing. Beyond its importance in scientific research and industry, data analysis helps develop methods, algorithms and software able to extract value out of huge masses of heterogenous data with several dimensions.

Things in our daily life.

Also part of the program
- Company visits and seminars
- Scientific and Technical Projects
- French language
- Professional coaching (workshops on CV/professional interviews)
- 6-month thesis in Industry or Research lab
DATA SCIENCE AND ENGINEERING
MASTER OF SCIENCE

ADMISSION REQUIREMENTS
- A Bachelor's degree (3 years min) in the engineering fields covered by the Master's program (Electrical engineering / computer sciences / communication engineering...).
- B2 level in English

LANGUAGE REQUIREMENTS
English (at least one of the following)
- Mother tongue;
- English Language Qualification
  - TOEFL 564 (PBT), 213 (CBT), 80 (IBT)
  - IELTS: 5.5
  - TOEIC: 750
  - Cambridge CAE

TYPICAL JOBS
The Master in Data Science and Engineering opens to a wide array of industries and business domains (client relation management, logistics, production, finance, marketing...).
The need for trained specialists in Big Data is constantly growing as shown by recent studies and results in very good employment prospects for future graduates.
Some of the targeted fields:
- Retail
- Finances and banking
- Manufacturers (car, aviation)
- Services providers (Telecommunication, energy...)
- Science and research

PROFESSIONS
- Data analytics engineer
- Big Data architect
- Research and development engineer
- Consultant
- Product Manager for Big Data solutions
- Business Intelligence Analyst
- Business Analytics solutions provider

APPLYING
All applications should be made online
https://www.eurecom.fr/en/postulant/new
The web site provides full information on admission procedures.
http://www.eurecom.fr/en/teaching/master-science

COST
Tuition fees for the full program (2 years):
€11,000
€5,000 (European Union and Erasmus zone) Possible partial fee waivers and scholarships.

DURATION
2 years (starting in September):
3 semesters of courses followed by a 6-month paid internship in a lab or company.

LODGING
Accommodation is organized with the administration staff or EURECOM in public and private student halls of residence, rooms or shared flats.

ADMISSION REQUIREMENTS
- A Bachelor's degree (3 years min) in the engineering fields covered by the Master's program (Electrical engineering / computer sciences / communication engineering...).
- B2 level in English

APPLYING
All applications should be made online
https://www.eurecom.fr/en/postulant/new
The web site provides full information on admission procedures.
http://www.eurecom.fr/en/teaching/master-science

COST
Tuition fees for the full program (2 years):
€11,000
€5,000 (European Union and Erasmus zone) Possible partial fee waivers and scholarships.

DURATION
2 years (starting in September):
3 semesters of courses followed by a 6-month paid internship in a lab or company.

LODGING
Accommodation is organized with the administration staff or EURECOM in public and private student halls of residence, rooms or shared flats.

TYPICAL JOBS
The Master in Data Science and Engineering opens to a wide array of industries and business domains (client relation management, logistics, production, finance, marketing...).
The need for trained specialists in Big Data is constantly growing as shown by recent studies and results in very good employment prospects for future graduates.
Some of the targeted fields:
- Retail
- Finances and banking
- Manufacturers (car, aviation)
- Services providers (Telecommunication, energy...)
- Science and research

PROFESSIONS
- Data analytics engineer
- Big Data architect
- Research and development engineer
- Consultant
- Product Manager for Big Data solutions
- Business Intelligence Analyst
- Business Analytics solutions provider

SCHOOL CONTACTS
EURECOM
Campus SophiaTech,
450 Route des Chappes, CS 50193
06904 Biot Sophia Antipolis cedex
FRANCE
www.eurecom.fr
Admissions
admission@eurecom.fr
Tel: +33 (0)4 93 00 81 00
Skype: admission.eurecom