Data Science for Professionals programs

Certificate program in Data Science for Professionals

7- week (Foundation), 7-month (Level 1) or
12-month (Level 2) program

Data Science for Professionals

Your organisation acquires vast amounts of data every day and you know there are valuable business opportunities to achieve with that Data using Data Science. But where do you start? How can you understand the data and create insights gathered from data solutions and available data sets?

Unlock the power of Data Science for your organisation with a Data Science for Professionals program at JADS.

Data Driven Educational Programs

These programs educate you to become a Data Science Expert. There are 4 programs to be followed:

Data Science for Experts

For professionals who want to learn to develop machine-learning solutions, and who are also interested to learn the business implications of data science.
- **Level 1 (7 months) €9,950**
- **Level 2 (1 year) €18,950**

Go to the Data Science for Expert Program

Data Science for Business Managers

For business professionals and managers eager to learn how to integrate data and analytics into their work and how to be the bridge between analytics teams and business.
- Level 1 (7 months) €9,950
- Level 2 (1 year) €18,950

Go to the Data Science for Business Managers Program

Data Science for Health Professionals

For medical professionals and managers in healthcare eager to learn how to integrate data and analytics into their work.analytics teams and business.
- **Level 1 (7 months) €7,500**
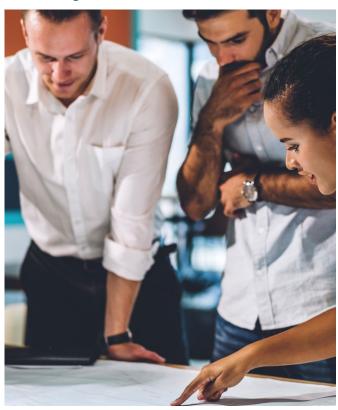- **Level 2 (1 year) €14,750**

Go to the Data Science for Health Professionals Program

Data Science for Government & Public sector

For business professionals and managers working in the public sector eager to learn how to integrate data and analytics into their work and be the bridge between analytics teams and business.
- **Level 1 (7 months) €7,500**
- **Level 2 (1 year) €14,750**

Go to the Data Science for Government & Public sector Program

Introduction in Data Science only

If you just would like to have an introduction into Data Science and learn about the possibilities Data Science can deliver for your organisation, you can choose for the Foundation programs:

Foundation Data Science for Experts

Introduction program for professionals who want to learn to develop machine-learning solutions, and who are also interested to learn the business implications of data science. Participants can continue in the Data Science for Experts program.

- Introduction program (7 days) €3,950

Go to the Foundation Data Science for Expert Program

Foundation Data Science for Business Managers

Introduction program for professionals and managers eager to learn how to integrate data and analytics into their work and explore the value of data in their business. Participants can continue in the Data Science for Business Managers program.

- Introduction program (7 days) €3,950

Go to the Foundation Data Science for Business Managers Program

Teaching methods

Real challenges make learning motivating, help get your organization involved, and are a catalyst to achieving real impact. During the program, you complete three CRISP-DM data-science projects: a stylized team assignment in the Foundation program, a complex and realistic group assignment in the Level 1 program, and finally a substantial project in your own

organization, supervised and supported by JADS experts, and delivering real impact and creating value for your organization.

Become part of our community

The Mariënburg, a former convent in the historical center of Den Bosch is JADS' home. It's a welcoming, inspirational and atmospheric environment for life-long learning and becoming part of our community, with the former chapel functioning as the main auditorium, and the vast complex offering many surprising authentic details reminiscent of its former function (and housing a large number of data-driven startup companies).

Data scientists are T-shaped professionals

The T-shape visualizes the idea that a successful career is based on the combination of deep technical expertise (the vertical bar) and wide and broad boundary-crossing skills (the horizontal bar).

We develop T-shaped Data Scientist who are both tech savvy and business savvy. Who do understand the technical skills of data engineering and know how to use data-warehouses, build a data pipeline and access Big Data cloud solutions. But who also understand how business models and strategies work, are able to manage data-science projects delivering results, and in general, know what it takes to get things done in large and complex organizations.

Our professors

The program is taught by a combination of senior experts working in business and society, and professors from Eindhoven University of Technology and Tilburg University. In the assignments, you are supported by a Community Academic Director who combines an academic affiliation with practical expertise in your sector like professional services, industry, health, supply-chain or in the public sector.

Prof. dr. Jeroen de Mast

The program's teaching team is headed by Professor Jeroen de Mast. Jeroen is professor of statistics and data science at the University of Waterloo (Canada), Scientific Director at Holland Innovative, and Academic Director of Professional Education at JADS.

Information session

Join one of our information sessions. Discuss the program and your ambitions with JADS' professors and get to know your peer cohort. Register at our website.

Contact us

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Practical with inspiration

"Last year I started with a Data Science for Professionals program. The program delivered on all points what I hoped for: knowledge, contacts, practical skills and a lot of inspiration. I can wholeheartedly recommend this program to any entrepreneur or professional who has ambitions around data science or artificial intelligence. "

Anton de Nijs, Founding Partner, BrainStax

Programs in brief

May & November

7 Weeks (Foundation)
7 months (Level 1)
1 Year (Level 2)

Den Bosch / Online

8 hrs/week (class) + 8 hrs/week (assignments)

Certificates:
Certified Analytics Translator (Level 1)
Certified Lead Analytics Translator (Level 2)