Overview JADS data science programs

Undergraduate level
Joint Bachelor Data Science

The Bachelor Data Science is a joint degree by Tilburg University and Eindhoven University of Technology at undergraduate level. This BSc in your stepping stone to turning Big Data into value-added solutions for technology, industry, government and society.

Graduate level
All JADS Master’s programs data science

JADS is unique with an offering of 5 dedicated Data Science Master’s programs of which one – Data Science and Entrepreneurship – is a joint degree by Tilburg University and Eindhoven University of Technology. Each MSc program focuses on a different data science application or area of expertise.

Master Data Science and Entrepreneurship (joint degree)
2 year Master’s program at the Mariënburg campus in ’s-Hertogenbosch

Post Graduate programs

PDEng Program Data Science
The Professional Doctorate in Engineering (PDEng) Program Data Science is a 2-year post-master program that focuses on applied techniques and design in a professional context. Students work in close collaboration with the industry on large-scale, interdisciplinary projects.

PhD Data Science Programs
Once you have your Master’s degree, you can decide to do a PhD. This means getting involved in cutting-edge research at any of the three campuses: TU/e, Tilburg University or JADS, depending on the focus of your research.

More information? Visit www.JADS.nl
Joint Master’s program
Data Science & Entrepreneurship

The new two-year MSc Data Science and Entrepreneurship is a truly interdisciplinary business-technology-analytics program. It is ideal for students eager to bring data science into effective use in business. This program is executed in the vibrant Mariënborg data science campus in the city of ’s-Hertogenbosch.

Study program

The MSc program synthesizes the unique key strengths of Eindhoven University of Technology and Tilburg University: the technological know-how of Eindhoven combined with the business, legal and societal insights of Tilburg. This synergy ensures that we educate data science-driven entrepreneurs who have the capability to create, develop and market data technologies, conduct research and present results in a clear, non-technical manner.

The backbone of the program comprises a number of Data Entrepreneurship in Action courses. Working in a team, you learn to apply data-driven methods to test the feasibility of an idea or innovation, build a data-intensive solution, propose sales channels and customers and develop entrepreneurial skills for building a technology startup.

A master’s program for you?

Data Science & Entrepreneurship is able to analyze massive amounts of data, recognize patterns in it and convert this to new products or services which are useful for business.

Why choose this master’s program?

The Master’s Program Data Science and Entrepreneurship is the first multi-disciplinary data science program in the Netherlands. Newly developed by top leading universities, it places technology within a business and societal context.

• A unique combination of business and IT: Preparing you for a career at the interface of data science and entrepreneurship.
• A unique educational experience: Challenging students with real-world data science challenges in tandem with industry.
• In close collaboration with the JADS ecosystem: Companies will be actively involved in teaching, assignment supervision, and initiating innovations, startups and accelerators.
• Develop your entrepreneurial skills: A skills journey and individual coaching and mentoring program prepares you for your future entrepreneurship endeavor.
• Electives allow you to specialize: If your own area of interest, you specialize either more in IT and data science or Entrepreneurship and Business.

To teach the complexities of data entrepreneurship, our program combines evidence-based learning with experiential-based learning. By this end, we have developed practical big data applications and prototypes. We also offer electives on an adapter, mentoring program and the real-life experience of starting one’s own data venture.

Career opportunities

In your own area of interest, you specialize either more in IT and data science or Entrepreneurship and Business.

The career opportunities for data scientists are sheer endless. Within an organization, you are the one who translates questions into technical data insight and vice versa. You can work for start-ups or manage your own data science company: finding new markets and opportunities with data. Or you can work as a data consultant or analyst: from advising companies who want to understand more about the purchasing behavior of their customers, to using big data to support police crime detection work or helping healthcare institutes share global data to fight diseases like malaria.

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