The two-year MSc Data Science and Entrepreneurship (jd) 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 Mariënburg data science campus in the city of 's-Hertogenbosch.

**Type** Master’s program

**Duration** 2 years

**Title** Master of Science (joint degree)

**ECTS Points** 120

**Language** English

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### 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 strengths 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.

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

The backbone of the program comprises a number of Data Entrepreneurship in Action courses, thus ensuring the data literacy of each individual student. Working in a team, students learn to apply data-driven methods to boost the feasibility of various ideas or innovation. Build a data-driven application from scratch and shape it toward a business that solves societal and technological challenges. Students also get hands-on experience with big data technologies for building a technology startup.

**Skills journey & Individual coaching program**

Alongside the standard learning outcomes, a skills journey and individual coaching program prepares students for their future entrepreneurial endeavors. The following data science application skills are trained: business acumen, storytelling & advising, design thinking & creative finding, negotiation, selling & marketing, storytelling, debating and project based working.

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### Characteristic features

The Master’s Program Data Science and Entrepreneurship (jd) is the first multi-disciplinary data science program in the Netherlands. Developed from scratch by two leading universities, it positions technology within a business and societal context.

- **A unique combination of business and IT**: Preparing students for a career at the interface of data science and entrepreneurship.
- **A unique educational experience**: Guiding students with real-world data entrepreneurship challenges in tandem with industry.
- **Combining theory and practice**: The backbone of the program comprises a number of Data Entrepreneurship in Action courses, which will help students learn how to apply data-driven methods.
- **In close collaboration with the JADS ecosystem**: Companies are actively involved in teaching, assignment supervision, and initiating innovations, startups and accelerators.
- **Great career opportunities**: Being part of the JADS community means being part of a vibrant community. On campus students are surrounded by data science professionals: MSc, PDEng and PhD students, teachers, guest lecturers, researchers, start-ups and more than 100 companies that we work with and who are part of our community. They offer us real data sets, company data, internships, jobs and masterclasses.

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### Mission

JADS, depending on the focus of your research.

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### Courses Overview Master’s program

**Data Science & Entrepreneurship (jd)**

**Undergraduate level** Bachelor Data Science Program (joint degree)

The Master’s Program 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.

**Graduate level** All MSc Rector’s programs data science

JADS offers five dedicated Data Science Master’s programs of which three: Data Science and Entrepreneurship - 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.

**Post graduate programs**

**PhD Data Science Program**

JADS offers free 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.

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### Career opportunities

The career opportunities for data entrepreneurs are ever increasing. Within an organization, they are the ones who translate questions into technical data insights and vice versa. Data entrepreneurs can work for multinationals or manage their own data science company. Finding new applications for data science is often the job of a data consultant and analyst, while analyzing the data of a company is often the task of a data scientist.

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### Overview JADS data science programs

**Undergraduate level** Bachelor Data Science Program (joint degree)

The Professional Doctorate in Engineering (PDEng) Program Data Science is a 2-year and master program that prepares students for technology-driven entrepreneurship.

**Graduate level** All MSc Rector’s programs data science

JADS offers five 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.

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### The founders of JADS

The founders of JADS