



Frankfurt School

CERTIFIED EXPERT IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

Programme start on 13th December 2021



Focus

- Banking & Wealth Management
- Compliance, Forensics & Audit
- Entrepreneurship & Innovation
- Finance
- Insurance
- IT & Digitalisation
- Leadership & Communication
- Marketing & Sales
- Controlling & Accounting
- Payments & Credit
- Real Estate
- Risk Management
- Strategy & Change Management
- Sustainable Development
- Technology & Operations

Credits*

7

Structure

2 blocks of 5 days each



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What to expect

The recent wave of innovation in Artificial intelligence (AI) has enormous disruptive potential, but there is a decided shortage of professionals capable of harnessing the power of the latest modelling techniques and moving AI from the drawing board into real life. This course aims to give practitioners a solid foundation in data modelling, as well as an in-depth understanding of the latest AI methods and solutions (especially Deep Learning). The course covers the theoretical foundations of statistical modelling, the detailed analysis of neural models – along with associated machine learning procedures – and includes a technical introduction to and practice in Python programming using the general “Data Science Stack” (Numpy, SciPy, Pandas, Scikit-Learn), as well as TensorFlow for Deep Learning. After successfully finishing the course, practitioners will not only be familiar with the state of the art in AI, they will also be capable of implementing the latest machine-learning models in practice. The course is conducted by two trainers who are also available as points of contact throughout the on-campus study period, ensuring that you receive the highest possible standard of mentoring and guidance.

Examination

The course will take the form of interactive “lab” sessions during which participants will implement solutions (under guidance). Passing the automatically evaluated programming assignments is a necessary prerequisite for certification.

Ideal for

Programmers, data scientists and business analysts, as well as individuals with experience in programming and/ or data analysis seeking an in-depth understanding of and practical exposure to the latest AI technologies (especially Deep Learning).

Requirements

Participants will need basic programming skills and knowledge; a basic knowledge of Python would be a plus

- A data-modelling background (or strong affinity) is desirable
- All participants should bring laptops with them to work on practical exercises during the course

In-house programmes

All our specialist courses are also available as customised programmes. Please ask us for a quotation.

Further details and registration

➔ exced.fs.de/dsai

New

As an alternative to participating on campus, you can also join the modules online via live stream.

FRANKFURT AM MAIN

Venue

10 DAYS

Duration

6,990 €

Price (This includes the IT infrastructure access fee, registration fee (100 €) and examination fee (450 €). Course fees are exempt from VAT.)

*Credits are given according to the European Credit Transfer System (ECTS) for academic and continuing education qualifications. Credits are determined by the amount of time needed to complete the certification course. This includes presence days as well as the individual study time before and after needed to earn the certificate. Credits are not at all based on the level of learning (1 credit = 25 – 30 Study Hours).

