

Courses & Certificates

This page summarizes the academic coursework from my MSc in Applied Information & Data Science (HSLU) and any completed online certifications.

Only online courses include downloadable certificates when available.

MSc Courses – Applied Data Science (HSLU)

The following courses are part of my ongoing Master's program.

These do **not** include certificates, but they show the breadth of my academic training.

Semester I

- Computer Concepts for Data Scientists
- Customer Data Analytics
- Design of Experiments

- Statistics
- Algebra 1
- Algebra 2
- Time Series in Finance
- Python Programming

- R Bootcamp

Semester II

- Machine Learning 1

- Machine Learning 2
- Generative AI (RAG System Project)
- Data Quality
- Data Collection and Integration (Python)
- Git and Devops (GitHub, Jira, Scrum, Python)
- Time Series Analysis
- Database Systems (SQL)
- Data science in Healthcare
- Tableau

Additional MSc courses will be added as my degree progresses.

Verified Certificates

AI in Healthcare - Standford Online (coursera)

Courses:

- Introduction to Healthcare
- Introduction to Clinical Data
- Fundamentals to Machine Learning in Healthcare
- Evaluations of AI Applications in Healthcare
- AI in Healthcare Capstone

[Verify Certificate](#)

AI Fundamentals (datacamp)

[Verify Certificate](#)

Skill Tracks/Learning Paths

AI Business Fundamentals - Datacamp

[Download Certificate \(PDF\)](#)

Power BI Fundamentals - Datacamp

[Download Certificate \(PDF\)](#)

More certificates will be added as I complete external training.