



Mathematics Brush-Up for Data Science

📄 Intro Slides

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Course Introduction

- Teacher

Who am I?

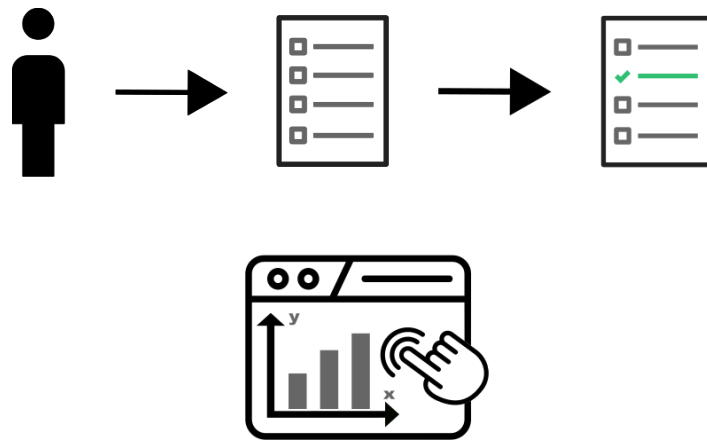
- Nicklas S. Andersen
- Postdoc at:
 - Centre for Visual Data Science
 - Centre for Digital Humanities

The overarching theme of the projects I'm involved in:

- We work with users that perform specific tasks
- We design and develop tools to support them

This work draws on methods from:

- Data science
- Software engineering



Course Introduction

- Contact Information

Remotely

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In person

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- Kolding office: 61.63

Course Introduction

- Students

Who are you?

- Data science
- 100+ students
- Wide variety of specializations
- Variety of different backgrounds

~> Huge diversity

Data science

Kandidat

Om uddannelsen Adgangskrav og optagelse Opbygning

Studieliv Fremtidsmuligheder Har du spørgsmål?

Kandidatuddannelsen i Data science varer 2 år. Hvert studieår er opdelt i 2 semestre.

De første 3 semestre består af obligatoriske fælleskurser, obligatoriske fagretningskurser og et specialiseret valgfagsmodul. På fjerde semester udarbejder du dit afsluttende specialeprojekt. Studieforløbet afhænger af hvilken fagretning du vælger.

Economics and Business Administration	+
Health Data	+
Environmental Data Science	+
Human Informatics	+
ICT Systems	+
MediaTech	+
Artificial Intelligence	+

Maths Brush-Up Course

- Content & Structure

Topics:

- Set Theory
- Basic Algebra
- Calculus:
 - Functions & Graphs
 - Equation Solving
 - Limits & Derivatives
- Sequences, Sums & Products
- Mathematical Logic
- Probability & Statistics

All course content will be shared on:

- <https://courses.nicklas.xyz>
- SDU's itslearning platform

The course will follow the overall structured loop:

1. Lecturing
2. Exercises
3. Solutions to exercises
4. Break

Questions?

Any questions before we proceed?