

## Teaching portfolio

**1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.**

Teaching:

Selected Topics in Database Research and Practice (Fall 2023)

- The course covers advanced topics of databases and data warehouses, such as multi-dimensional data, distributed databases.

Data Mining – Knowledge Discovery in Large Databases (IT-VEST, Spring 2024, Fall 2021) with Assist. Prof. Matteo Lissandrini.

- The course covers topics of Data Mining to mine from large databases. My lecture includes concepts, theory, and algorithms for data exploration, clustering and association rules mining from big and complex datasets.

Aspects of Advanced Analytics (PhD course, Fall 2020, 2017) with Dr. Laurynas Šikšnys.

- The course presents different techniques used for advanced data analytics, including predictive analytics and prescriptive analytics.

Scaling to Big Data (IT-VEST, Fall 2022, 2020, 2018) with Assoc. Prof. Christian Thomsen.

- The course covers the topics of Big Data (concepts, theory and framework), and Data Mining for big and complex data. My lecture includes techniques to mine and learn from big and complex datasets, using the technologies provided by Apache Spark.

Supervision:

- SW5 (2017 - 3 groups, 2018 - 2 groups, 2019 - 2 groups)
- DAT5 (2018 - 1 group, 2019 - 2 groups, 2021 - 1 group)
- DAT6 (2019 - 3 groups, 2021 - 2 groups, 2023 - 1 group)
- DV6 (2022 - 2 group)
- CSIT7 (2019 - 2 groups, 2020 - 2 groups, 2022 - 2 groups)
- DAT8 (2020 - 1 group, 2021 - 2 groups, 2022 - 2 groups, 2023 - 2 groups)
- DVML8 (2023 - 1 group)
- Master thesis (2018, 2020, 2021, 2022)

**2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.**

Semester coordinator:

- DVML8 (2022)

**3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc**

AAU Pedagogical Training (2018-2019):

- Introduction to Adjunkt pædagogikum
- Teaching at a PBL University
- The PBL group-collaboration, process and supervision
- Planning and implementation of group instruction
- Understand exam regulations

- The use of IT and media for learning and teaching
- Working with institutions and companies in project work - an introduction to the case study method in project supervision and lectures
- The Danish code of research integrity (and why this is important for your research and teaching)
- Planning, development and quality assurance of study programmes

**4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.**

Type your answer here...

**5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.**

Type your answer here...

**6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.**

Type your answer here...

**7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)**

Type your answer here...

**8. Any other information or comments.**

Type your answer here...