



Hur blir man en data steward?

- utbildningsvägar

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Svensk nationell datatjänst

| Göteborgs universitet - Chalmers tekniska högskola - Karolinska Institutet - Kungliga Tekniska högskolan - Lunds universitet - Stockholms universitet - Sveriges lantbruksuniversitet - Umeå universitet - Uppsala universitet



Hur blir man en data steward?

- Det finns få formella utbildningsvägar som tillgodoser de färdigheter som efterfrågas. Däremot finns lokala utbildningslösningar på lärosätet (t.ex. SU, OrU, KTH).
- Det finns gratis kursmaterial online, t.ex EOSC Synergy, samt onlinekurser som kostar pengar (MOOC:s > ger certifikat).



You are here: ► University of Vienna ► Postgraduate Center ► Programs ► Communication & Media ► Data Steward

Data Steward



Research data are important research results that should be managed professionally. Comprehensive research data management is therefore becoming increasingly important. This continuing education and training program links the latest findings on research data management, open science and open research with the tasks of data stewards.

- Certificate programme
- 2 terminer (deltid)
- 15 ECTS
- € 2,950
- Valbara inriktningar (HUM/SAM, NAT)



Mini-data stewards

- Ambassadörer för open science som sprider information om datahantering bland kollegor/kursare. Kan vara juniora eller seniora forskare.
- Informell workshop i december -22, med diskussion om definition, kompetenser, satsningar, etc. Kan detta bli en flaggskeppssatsning? (Olika möjligheter finns.)
- => "mini-domänspecialister", eller data champions.
- LU:s Arbetsgrupp för öppen vetenskap inkluderar två expertgrupper, en med fokus på FAIR och en grupp med Open Science Champions, bl.a. Nicolò Dell'Unto.

Ansökan är öppen!

Ansök här

Data Manager – sammanfattning

Fakta Behörighet Kurser Samarbetspartners

Poäng

400 YH-p (80 veckor, ca 2 år)

Antal platser

35

Kommande utbildningsstart

- September 2023 – juni 2025
- September 2024 – juni 2026
- September 2025 – juni 2027

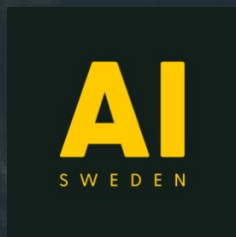
Sista ansökningsdag

31 maj 2023

”Arbetsgivare som efterfrågar DM finns bland industri- och tjänsteföretag av alla de slag, liksom hos myndigheter och regionala och kommunala förvaltningar.”

”Som färdigutbildad Data Manager kan du också arbeta som till exempel Informationsarkitekt, Data Steward eller Master Data Specialist.”

<https://www.tucsweden.se/utbildning/program/data-manager/>



Lindholmspiren,
Gothenburg,
11 October, 2022

Data Steward - Workshop

AstraZeneca, Volvo Group, Volvo Cars,
VGR, University of Gothenburg, Chalmers
University of Technology and AI Sweden



Questions

1. What challenges, connected to the handling of data, are you facing both from an organizational perspective and/or at an operational level?
2. What competency gaps have you identified connected to data handling? What roles can you identify that have responsibilities connected to data handling?
3. What expectations do you have on the role of a "Data Steward"? What competencies do you expect them to have, and which challenges would you expect them to solve?

Towards a future, cross-disciplinary education landscape

Practical Data
Management



GDPR and other
regulation



Persistent file
formats and
software



Research
Communication



Database
Programming



Information
Classification



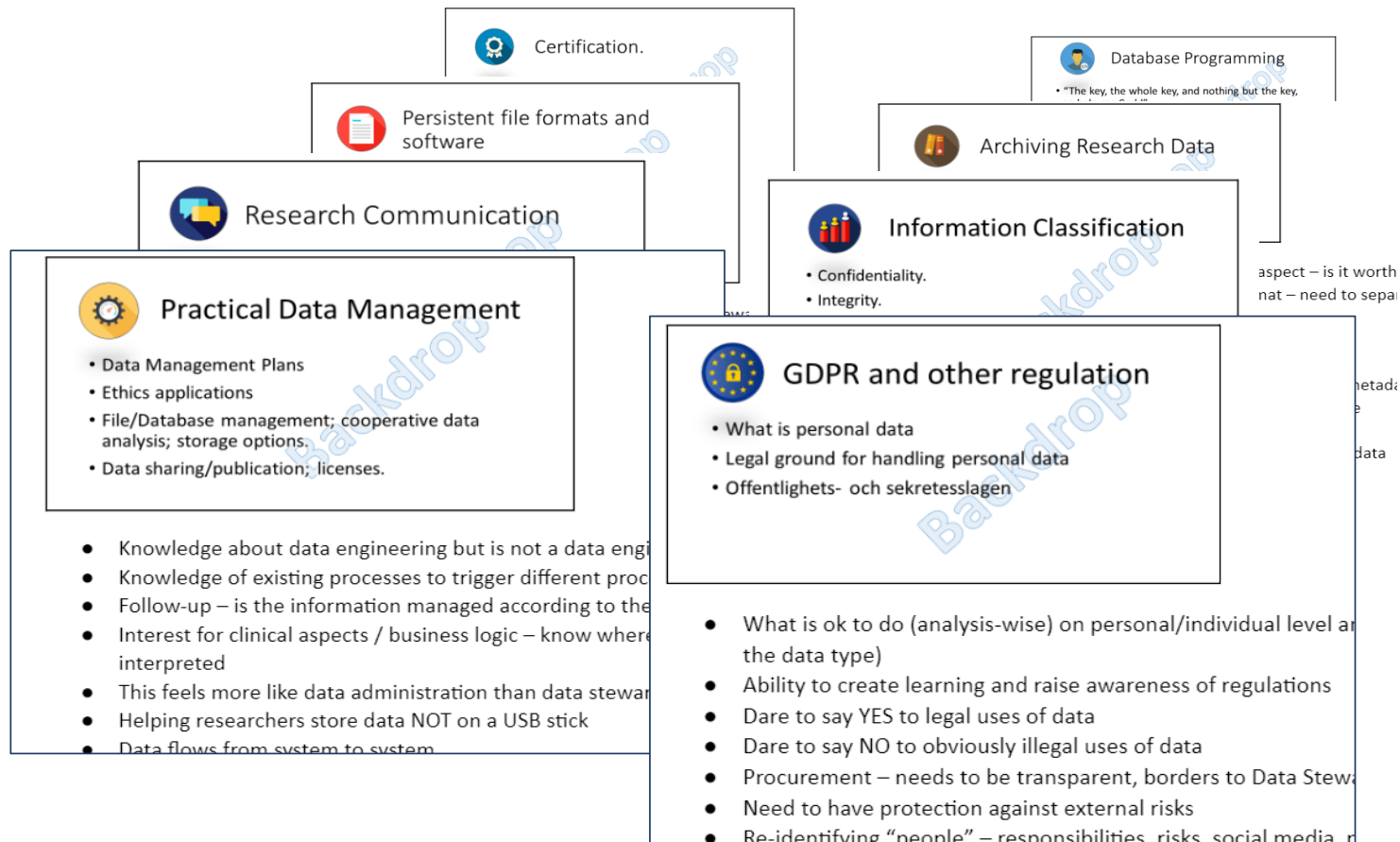
Certification



Archiving
Research Data



Data Steward Workshop – Summary of Outcomes



Data Stewardship Themes

1. Structuring Data Management
2. Data Sharing
3. IT Solutions
4. Legal Frameworks and Compliance



Image: [Nick Youngson CC BY-SA 3.0](#)

Data Stewardship Themes

1. Structuring Data Management

2. Data Sharing

3. IT Solutions

4. Legal Frameworks and Compliance

Structuring Data Management

- Basic processes/steps in a research project
- Metadata
- Information classification
- Data standardization
- Preserving data processing and provenance
- Files, formats and software

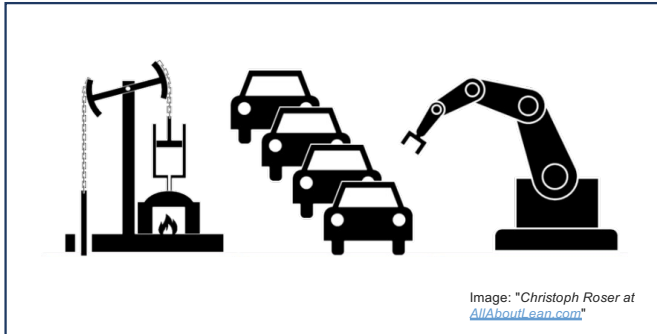
Metadata

- What is metadata, how is it managed?
- What are data catalogues? How do they help to make data discoverable?
- How to gather and document “silent knowledge” about data that exists in the organisation?
- The semantic web, semantic, ontologies

Course suggestions, for discussion.

Vocational education

- Short courses
- By arrangement
- Full cost recovery

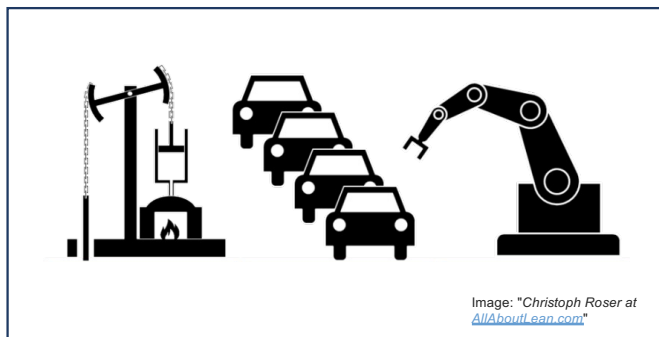


Academic education

- Masters-program courses
- Full-time, ~5 weeks
- Higher-education credits



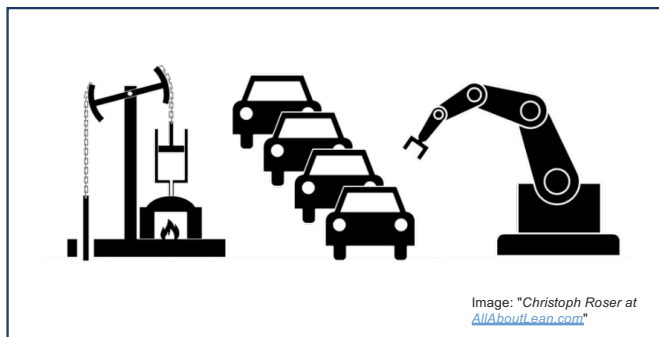
Vocational education



Practicalities

- Full days / part-days?
- Daytime / evening?
- In person / online / hybrid / distance?
- En / Sv?

Vocational education



Reality!

- Timescale mismatch!
- What is best to offer?
 - “Data Steward Trailer”
 - Specific aspects eg legal, FAIR

Slut!

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