

# Security and Privacy in Academic Data management at Schools (SPADATAS)

2022-1-ES01-KA220-SCH-000086363



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## Teacher - Survey

HUMAN ENVIRONMENT RESEARCH GROUP – TECHNOLOGY ENHANCED LEARNING

Universitat Ramon Llull (URL) – Universidad de Salamanca (USAL)

SPADATAS CONSORTIUM

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## Amendment History

Version	Revision	Date	Status	Author	Modification
1	0	04/02/2023	Done ▾	Daniel Amo	Initial version
1	1	20/02/2023	Done ▾	Daniel Amo	Modification from feedback
2	0	31/03/2023	Done ▾	Daniel Amo	Major update
2	1	13/4/2023	Done ▾	Daniel Amo	PreFinal version
3	0	19/4/2023	Done ▾	Daniel Amo	Final version



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## Questionnaire

### Introduction

Educational roles need to acquire digital skills and competencies exposed in DigCompEdu regarding data literacy and responsible use of digital competence.

An open tool for data fragility auto-assessment and process mapping in data academic management will be developed. Detecting those needs will help to raise awareness about data fragility and help detect privacy gaps in data academic treatment.

Considering that responses evaluate perceptions of the participants, the objectives of the tool are:

- O1: Analyze their data literacy proficiency regarding policies, actions, and processes to ensure privacy, security, and confidentiality of students' data regarding
- O2: Map their data academic management processes with a focus on data protection
- O3: Discover flaws and gaps about data fragility in data treatment processes
- O4: Detect needs regarding digital skills, competencies, and knowledge to reduce data fragility issues in the data academic management

In summary, with this tool schools can analyze their digital skills and data literacy competencies that help protect privacy and security of students' data, as map their data academic management processes to detect gaps and foster data treatment policy updates.



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## Questionnaire for Teachers

Considering teachers' practice in any school and data privacy, the questionnaire will consider the dimensions of **Processes (O1 & O2)**, **Awareness (O2 & O3)**, and **Skills (O1 & O4)** to check if teachers have:

- Are informed about the school's privacy policies
- Are aware of data privacy problems
- Are trained in digital skills or competencies
- Contact the Data Privacy Officer to solve any doubt, check any data privacy related action, and report any data breach
- Design activities that protect students' data and privacy
- Use technology that ensure students' data privacy

### Demographic questions

1. Indicate your country
  - a. Answer type: List of countries
2. Indicate your gender
  - a. Answer type: Man, Woman, I prefer not to answer, None of the above
3. Indicate your age
  - a. Answer type: Number
4. How many years have you been in education?
  - a. Answer type: Number
5. In which type of school do you work?
  - a. Answer type: Private, Public
6. At which stage of education do you teach?
  - a. Answer type: Primary/Secondary/Both
7. What subjects do you teach?
  - a. Answer type: Open answer
8. Are you (self)trained in digital skills or competencies regarding data privacy?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do
  - b. If done or will do it: Which training have you got or will get regarding skills or competencies?
    - i. Answer type: Self-trained, Official training

### Dimension: Processes



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9. I report to the Data Privacy Officer the resources to be used in the classroom for validation.
  - a. Answer type: Yes, No
10. I know how to proceed when unauthorized use of data occurs.
  - a. Answer type: Yes, No
11. I'm informed and periodically updated about the school data protection policies and procedures.
  - a. Answer type: Yes, No
12. I know how to respond to a data privacy incident or breach, and what steps to take to mitigate any potential damage.
  - a. Answer type: Yes, No
13. Have you incorporated lessons or activities that explicitly teach students about data privacy regarding the risks of sharing personal information online and best practices for protecting their own data?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do

#### **Dimension: Awareness**

14. I know the consequences to students when teachers share open or unprotected data.
  - a. Answer type: Yes, No
15. I understand the differences between low, moderate, and high-risk data.
  - a. Answer type: Yes, No
16. I understand that digital tools can be designed to collect students' data.
  - a. Answer type: Yes, No
17. Have you reviewed the school's data privacy agreements and policies, and do you understand how they relate to your teaching practices?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do
18. Have your subject objectives or learning results considered rising awareness regarding data privacy protection needs?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do

#### **Dimension: Skills**

19. I design classroom activities considering the privacy of my students
  - a. Answer type: Yes, No
20. I use measures and strategies to protect students' privacy while treating their data
  - a. Answer type: Yes, No
21. I use third-party technology that respects students' data privacy



- a. Answer type: Yes, No
- 22. Have you incorporated lessons or activities that explicitly teach students about best practices, tools, techniques, and methods for protecting their own data?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do
- 23. Have you incorporated lessons or activities that explicitly teach students about data privacy regarding the importance of reading digital tools' privacy policies and terms of use for protecting their own data?
  - a. Answer type: Considered (and done), Considered, will do, Not considered, will do, Considered, won't do, Not considered, won't do
- 24. Describe any concern regarding data privacy and security in data academic treatment in your school (open answer)



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