Plan Overview

A Data Management Plan created using DMPonline

Title: MSc Thesis

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Data Manager: Filippo Lanzini

Affiliation: Delft University of Technology

Template: TU Delft Data Management Questions

Project abstract:

My research aims to investigate the factors that are influencing the intention to adopt blockchain among MKBs in the logistics sector. The method that is being employed for data analysis is known as the "Best Worst Method" and has been developed by professor Jafar Rezaei, my second supervisor. This method requires the members of the target group to identify the most and least important elements from a list and rate their level of importance compared to the rest of the factors(e.g. The most important factor is much more important than factor xy). The most suitable instrument for data collection is a questionnaire.

ID: 56470

Last modified: 24-04-2020

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MSc Thesis

General TU Delft data management questions

Name of data management support staff consulted during the preparation of this plan

Dr. Nicolas Dintzner, the Data Steward of the faculty of TPM

Date of consultation with support staff [YYYY-MM-DD]

2020-04-17

1. Is TU Delft the lead institution for this project?

- Yes, leading the collaboration

Additional supportive knowledge and a platform for the questionnaire distribution will be provided by TNO and its partners, in the context of the Graduation Internship I am pursuing at TNO Data Science.

2. If you leave TU Delft (or are unavailable), who is going to be responsible for the data resulting from this project?

Thesis first supervisor, Jolien Ubacht, Faculty of Technology, Policy and Management (j.ubacht@tudelft.nl)

3. Where will the data (and code, if applicable) be stored and backed-up during the project lifetime?

- SURFdrive

The data will be first collected through Qualtrics, the instrument of choice at the faculty of Technology, Policy and Management. Then, as soon as the data collection period has expired(it will last for two weeks, presumably in the first half of May), the answers will be downloaded, and subsequently erased from Qualtrics, and transferred to a more secure location(Surfdrive), as suggested by TPM's Data Steward.

4. How much data storage will you require during the project lifetime?

- < 250 GB

5. What data will be shared in a research data repository?

- All data (and code) produced in the project

6. How much of your data will be shared in a research data repository?

- < 100 GB

7. How will you share your research data (and code)?

- Data will be uploaded to the 4TU.Centre for Research Data

8. Does your research involve human subjects?

- Yes

The questionnaire will be distributed through one of TNO's partner, evofenedex(evofenedex.nl). evofenedex will publish my questionnaire in their newsletter, which is released every two weeks.
evofenedex is a business association that connects over 10000 manufacturing and logistics firms(mainly MKBs) in the Netherlands.

9. Will you process any personal data? Tick all that apply

- Other types of personal data – please explain below
- Gender
- Date of birth/age
- E-mail addresses

-Role within the organization
-Years of experience

TU Delft questions about management of personal research data

1. Please detail what type of personal data you will collect, for what purpose, how you will store and protect that data, and who has access to the data.

Please provide your answer in the table below. Add an extra row for every new type of data processed:

Type of data	How will the data be collected?	Purpose of processing	Storage location	Who will have access to the data
E-mail addresses	Online Survey	In order to send the results.	Qualtrics, until the conclusion of the data collection period. Then, moved to Surfdrive.	Project team
Gender	As above	Control for the confounding effect in the data analysis stage. It will only be shown in aggregate form.	As above	As above
Age(in intervals, e.g. <24, 24-35,..)	As above	Control for the confounding effect in the data analysis stage. It will only be shown in aggregate form.	As above	As above
Role within the organization	As above	Control for the confounding effect in the data analysis stage. It will only be shown in aggregate form.	As above	As above
Years of experience(in intervals)	As above	Control for the confounding effect in the data analysis stage. It will only be shown in aggregate form.	As above	As above

2. Will you be sharing personal data with individuals/organisations outside of the EEA (European Economic Area)?

- No

3. What is the legal ground for personal data processing?

- Informed consent - please describe the informed consent procedures you will follow

The opening statement of the questionnaire has been drafted by following the guidelines provided by the Human Research Committee in the Template Informed Consent Form. Hence, the content of the form has been thoroughly explained in all of its parts, especially focusing on the processing of personal data.

The email addresses of the respondents, which can be provided on a voluntary basis, will only be used to contact them in the context of this study, and it will be stored securely on Surfdrive, and erased after the study's completion(16th of July). The rest of the personal data(gender, age, occupation, and experience) will be presented in aggregate form only in the project's report.

The participants have also been informed on the scope of the study, the possibility of abandoning the questionnaire at any time, and the possibility of requesting the author to erase their personal data at any time before the study's completion.

4. Will the personal data be shared with others after the end of the research project, and if so, how and for what purpose?

Personal data will not be shared with others after the end of the research report.

5. Does the processing of the personal data results in a high risk to the data subjects?

If the processing of the personal data results in a high risk to the data subjects, it is required to perform a Data Protection Impact Assessment (DPIA). In order to determine if there is a high risk for the data subjects, please check if any of the options below that are applicable to the processing of the personal data during your research (check all that apply).
If two or more of the options listed below apply, you will have to complete the DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to receive support with DPIA. If only one of the options listed below applies, your project might need a DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to get advice as to whether DPIA is necessary.

If you have any additional comments, please add them in the box below.

- None of the above apply