Interview protocol on Open Government Data use

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## 

## **Intro:**

Welcome!

Thank you for taking part in this interview

The purpose of this study is to understand how OGD is being used in academic research and explore ways to realize the potentials of OGD in advancing data-driven sciences.

[ I am a second-year PhD in Information School, I’m studying Open Data use. I’m interested in people’s experiences and practices with Open Data. The goals of information science as a whole, are often to build systems and services which support scholarship with data… OGD is relatively new in this sense - so I am doing requirements gathering for scholars who work with OGD - to understand their practices, and their experiences]

[Before we proceed, do you have any questions for me, such as what do we mean by OGD, and the goal of the study…..]

[open data is "open" if it can be freely used, reused, and redistributed by anyone. Open government data is a particular type of open data that is produced, distributed, or commissioned by governments or government controlled entities. Popular sources of open government data include federal portals such as Data.Gov, as well as state and city portals such as [Data.Seattle.Gov](http://data.seattle.gov).]

You can answer as many questions as you want and you can stop the interview anytime. Your response will be recorded and transcribed. But none of your identifiable information will be disclosed to anyone outside the research team.

I’m gonna go ahead and press recording if you agree…..

1. What are your research areas? What is your title?

**Reflect on just one case**

1. Could you share with us a research project in which you use OGD.

[I know through the survey that you used OGD before, and I read that in your recently published article in Social Science Research, you used General Social Survey, FBI Uniform Crime reporting statistics, could you please tell us more about this work briefly ? ]

- Purpose, method, outcome

- how did you find out about this data?

- How did you use OGD in this study? (as main data sources, or ancillary, or just providing motivations/context of the study?)

3. Can you tell us more about OGD used in your study?

- Where / how did you get it

- What format/contents/coverage /size (are you satisified with them? Are they fit for your purposes?)

4. How much efforts do you spend in preprocessing the data?

(may explain here what does preprocessing mean: clean,extract, tranform…..)

[What were steps you needed to take to extract, clean and transform the data, if any?

What cleaning or normalization did you have to do?

How long did this take?]

5. What are the integration challenges, if any, you encounter in your OGD use?

6. What other challenges do you encounter when using OGD in your research?

(technical: )

7. What do you think could be done to reduce the burden of using/reusing OGD in your research? Or What could the OGD producer have done to make this data more useful to your research?

8. why did you choose to use ODG in this project? were there any alternative data sources that you could have used?

10. Did you feel anything What specific about open data/ all data?

**Reflect all your experiences with OGD**

[Aside from this paper, did you use OGD data for other projects?

How often are you engaged with OGD? (search or use) ]

9. How do you grow aware of how to use Open Data?

10. How well your advisor/ colleagues know about OGD.

11. Overall, are you satisifed with the use of OGD?

(data quality, documentation, access to data, or technical aspects, any difficulties? Or relevance, are you able to get immediate support if you have questions about OGD)

12. What data would you like to see to be made public?

13. Were there any issues related to privacy, or personally identifiable information about subjects of this data that concerned you? etc.

11. (If time permitted) Could you share with us another example where you use OGD?

10. Please share with us any thoughts regarding OGD usage in research.

(Hint: something specific here about licensing of data, and sharing of OGD data between and within research groups.)

# RQs

The aims of the survey/interview focus on researchers awareness of , intentions to use, and challenges of use OGD. It will both support and add additional information to the lit review.

* What types of OGD do researchers use? (thems, formats)
* Where do they obtain OGD for research
* What are researchers’ perception of potentials of OGD in research?
* What purposes do OGD serve in academic research?/ What are researchers’ intentions to use OGD in their research?
* How do researchers come up with the idea of using OGD in their research?
* What challenges do researchers encounter when using OGD in their research?
* What are the integration challenges, if any, researchers encounter in their OGD use?
* How much impact OGD has made through advancing academic research?
* How to promote the use of OGD in research?