

# DSI Open Working Group Summary

The Open working group convened several meetings during the first quarter of 2019. Pete Alonzi served as the chair of the group and the members were. Claudia, Cathy, Daniel, Lane, Samuel, Ellie, Narges, and Tim. **The mission of the group was to begin untangling the definition of 'OPEN' and present guidance for the DSI to decide on a way forward.** In this document we present the findings of the group including a recommendation of a DSI elevator pitch on our definition of open as well as a decision tree tool to help someone put their work into the context of open. There were also several documents produced over the course of the work and they are linked at the end of the document.

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## Summary of Findings

This working group started from the [document on defining open from the DSI retreat in December 2018](#). The group quickly identified that everyone brought to the table a different definition of open and in particular this was complicated by everyone applying open to a different context. That variety led to the [taxonomy document](#) to classify different types of 'data' and frame how open would apply to them. In particular one example is that the Medical community has several legal and ethical obligations regarding their data. **When discussing openness care must be taken to ensure the audience does not extrapolate to conclusions which will shut down discussion.** To that end we identified that there is a critical need for a brief and universal explanation of our core principles surrounding openness. Two suggestions are put forth from the working group for a way forward to facilitate this crucial communication step.

1. **Elevator pitch.** The goal is to take a few paragraphs to frame the discussion of openness and deliver key core principles. This enables us to get the ideas across and stop the audience from running to conclusions. By carefully selecting how we describe the principles the audience will understand our position and how to extend it.

2. **Decision tree.** The goal here is to produce a tool that is easy to understand, easy to use, and easy to remember. Having such a tool will enable us to engage people in a little exercise to understand how their work fits into the world of open.

The working group presents a draft of the elevator pitch and the decision tree for further discussion by the DSI. We believe that as a team the DSI refining these tools will help to unite ourselves and enable us to take the next steps. Going forward we suggest a major revision to [the Open UVA document](#) and then the SDS leading a global discussion in this space.

There are also substantially more [details in the notes from the meetings](#). All are encouraged to seek out members of the working group and have further conversations.

## Proposed Action Plan

1. DSI refinement of Elevator Pitch and Decision Tree and Project Form
2. Potential formation of new Open working group to focus on a new mission
  - a. Group to refine elevator pitch
  - b. Group to refine the decision tree
  - c. Group to analyze and refine project form
3. DSI/SDS development of the [Open UVA document](#) with consultation from UVA at large and outside scholars

# Elevator Pitch

Openness means team members responsibly sharing their data and professional endeavors (when possible and ethical). We believe in the importance of practicing openness because advancement requires assembling a heap of known pieces into a coherent picture containing new knowledge. In the world today some of the necessary pieces are unknown due to traditional non-open information practices. Wide spread open practices are the first steps to changing the world.

<< finish with a quote beethoven, jefferson, nobel prize winner, etc.>>

- "Educate and inform the whole mass of the people... They are the only sure reliance for the preservation of our liberty." ~Thomas Jefferson
- "There should be only one repository of research in the world, to which the artist would donate their works in order to take what they would need." ~ after Beethoven

# Decision Tree

We developed several avenues for thinking about a decision tree for open. In fact due to the breadth of what open covers one decision tree is not enough and several are needed to span the space. For instance you can try to help someone understand how they fit in by thinking about their most recent data set. Or you could pick a particular kind of data and work through the implications of that kind. Here we present one example (mockup) of a decision tree.

A decision tree to help someone think about sharing their data. In this case we ask the audience to think of the last data set they used. Then we pose four simple questions:

1. Does it contain sensitive information?
2. Is it digital?
3. Is there an established platform to share this type of data?
4. What are you waiting for?

<<

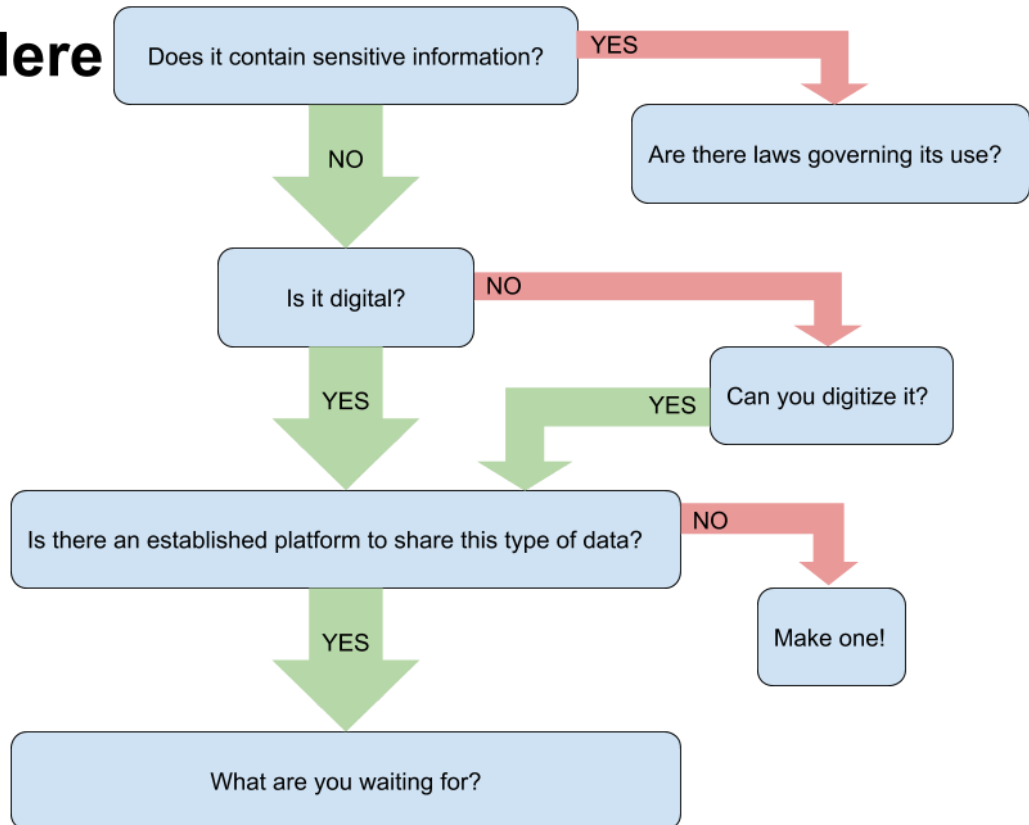
philosophical underpinning are points that guide the tree and the presenter uses to guide the discussion from the tree. they are explicitly on the tree because we want to hide the complexity from the audience. but rather guide them into it, lower the barrier to entry, lower the cognitive load.

1. opens the door to the discussion of legal and ethical responsibilities
2. starts the conversation about the necessity of digitization to openness
3. makes the audience think about established practice in their space
4. makes the audience look at themselves as the agent of change and openness

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## Imagine the last data set you used.

**Start Here**



# Data Science Institute project log

Faculty, staff, students, researchers, and anyone else doing projects at DSI may report their projects here. This log seeks to create a record of what people do, what parts of our projects meet the DSI values of openness, diversity and ethics, and what parts do not.

This form should take 5 minutes or less to complete.

<https://docs.google.com/forms/d/e/1FAIpQLSd5zT1vC6qUkbxtBLgcwEci9vvstQ6datzw2NGFI-1H7LJagQ/viewform>

# Documents of Record

- [DSI Open Thoughts](#) - from december 2018 retreat
- [Open Working Group Meeting Notes](#)
- [Taxonomy Document](#)
- [FAIR diagram](#)
- [Position Paper](#)
- [Decision tree notes](#)
- [Decision tree drawing](#)
- [Open Hierarchy Diagram](#)

## Links

- Working group notes -  
[https://docs.google.com/document/d/1XAxVxDqzNJwL4Krbeh\\_8sDLg55DesNiKqE9SXbo9uW4/edit#heading=h.tr07zg3i85mu](https://docs.google.com/document/d/1XAxVxDqzNJwL4Krbeh_8sDLg55DesNiKqE9SXbo9uW4/edit#heading=h.tr07zg3i85mu)
- Open uva -  
<https://docs.google.com/document/d/1szvWOvdxQp84uE4FsdK0wAlS UWddgYXQmAwFDk0AycM/edit>
- Open taxonomy -  
<https://docs.google.com/document/d/1q4lg2jkM1srCm5F9aN6HM2hmJjEOhmF8uAuudY-O8qs/edit>
- Dsi retreat worksheet on open -  
<https://docs.google.com/document/d/1BtjJMd1W5TL3fDtAJIVHEXZgGs92qVv9hxZnMAW0DZk/edit>
- Open pyramid -  
<https://drive.google.com/file/d/1pDH8VdLK2ZkLGml3u4aasQb2ZvE1t5HI/view>
- Open decision tree -  
[https://docs.google.com/drawings/d/1LteSNaKTIYhN07k3DdJax75lGu6QOqvq\\_WZiy\\_Ltdh4/edit](https://docs.google.com/drawings/d/1LteSNaKTIYhN07k3DdJax75lGu6QOqvq_WZiy_Ltdh4/edit)
- Decision tree notes -  
<https://docs.google.com/document/d/1mFNU1wtXnqPtotWHd44soZeOmWoZM-BOn-li1le0kgs/edit#heading=h.pzeqa4un0rqe>
- Position paper -  
<https://docs.google.com/document/d/1EHeGYvUybGoeHBaXcBKe4Vw-PnRRBIB-47Y5-eYNUU8/edit#heading=h.klww9ixted5m>
- Fair diagram -  
[https://drive.google.com/file/d/1SEUG4Op2PQXoSbkkOK4gcf\\_4UxyspjEq/view](https://drive.google.com/file/d/1SEUG4Op2PQXoSbkkOK4gcf_4UxyspjEq/view)

