# Making Secondary Data Collections Discoverable in the uOttawa Scholar's Portal Dataverse

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# Who are we

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# Overview

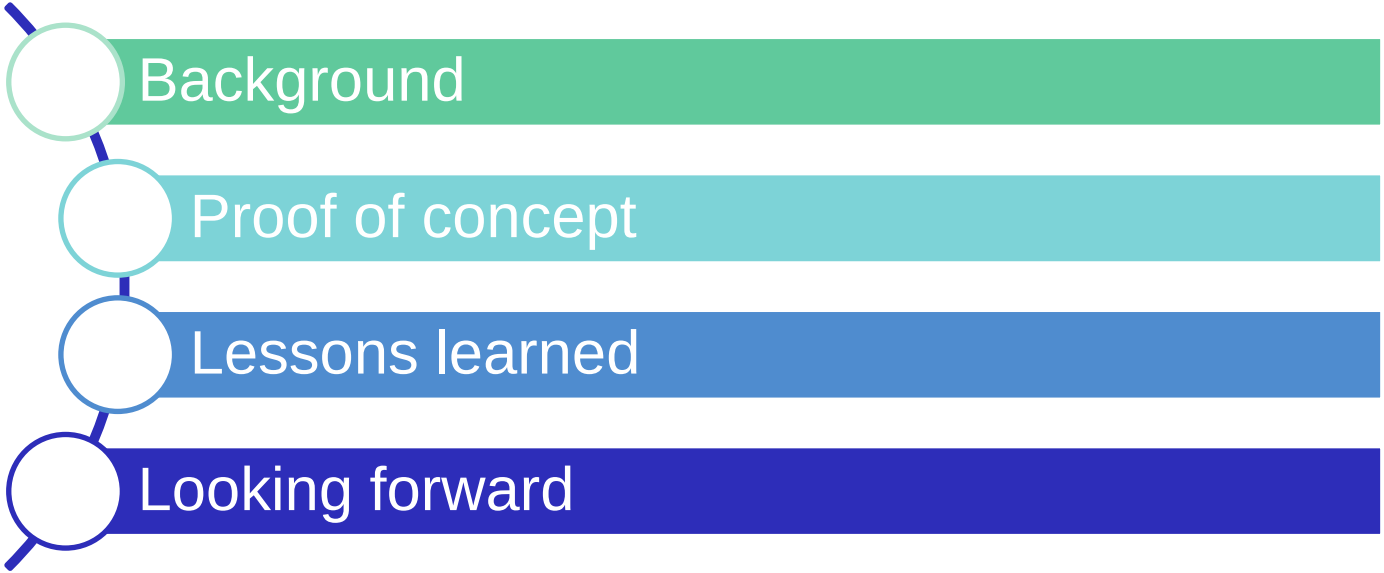
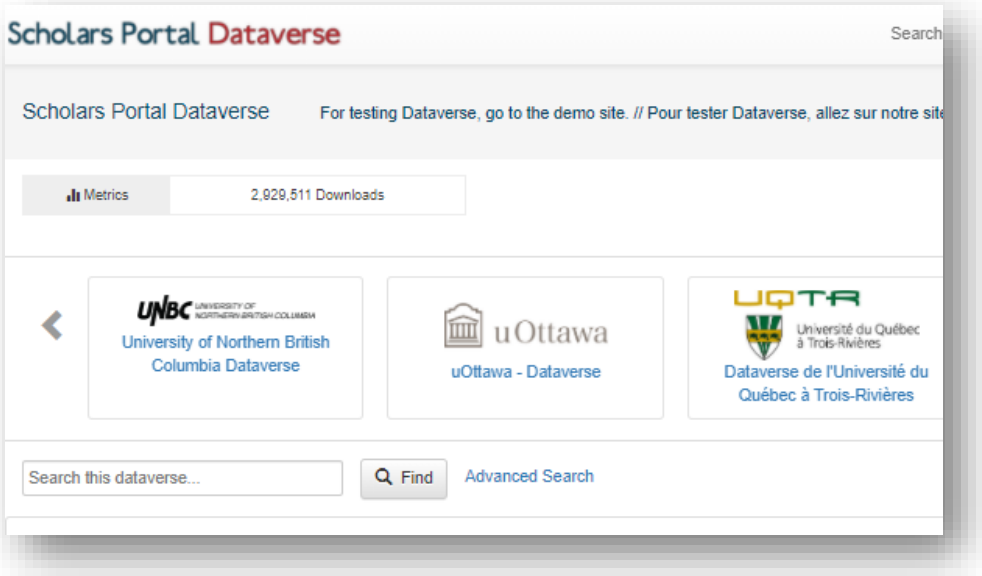

Background
Proof of concept
Lessons learned
Looking forward


Image courtesy of
Jonathan Dorey,
INRS | ENAP | TÉLUQ
Circulated on Scholar's Portal
Dataverse Admin listserv

# Scholars Portal Dataverse

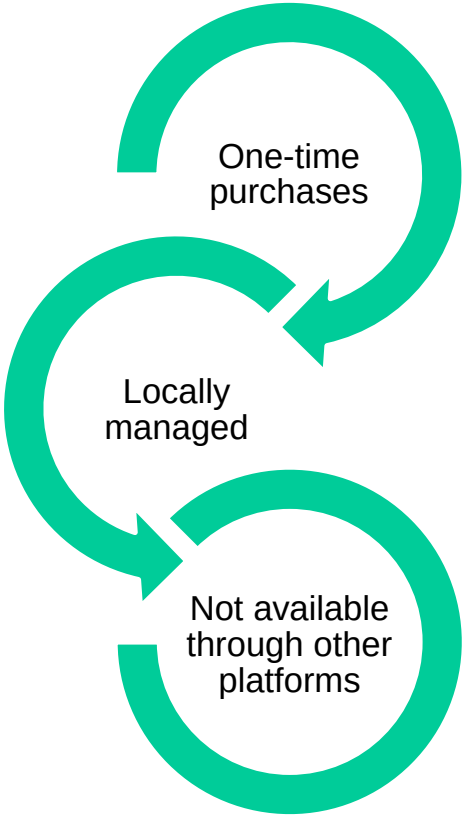
A Service of the Ontario Council of University Libraries

- Publicly accessible
- Secure
- Multi-disciplinary
- Multi-lingual repository
- Institutional dataverses



# Objective

- A collection of datasets hosted on internal webserver
- Made available through various distribution channels
- Opportunity to broaden discovery and use



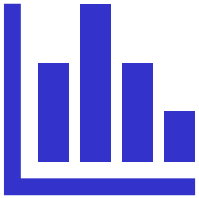
# Exploration of sample of institutions






# Key highlights

**41**
participating institutions in SP dataverse



**9**
are distributing secondary data



**> 870**
studies for secondary datasets

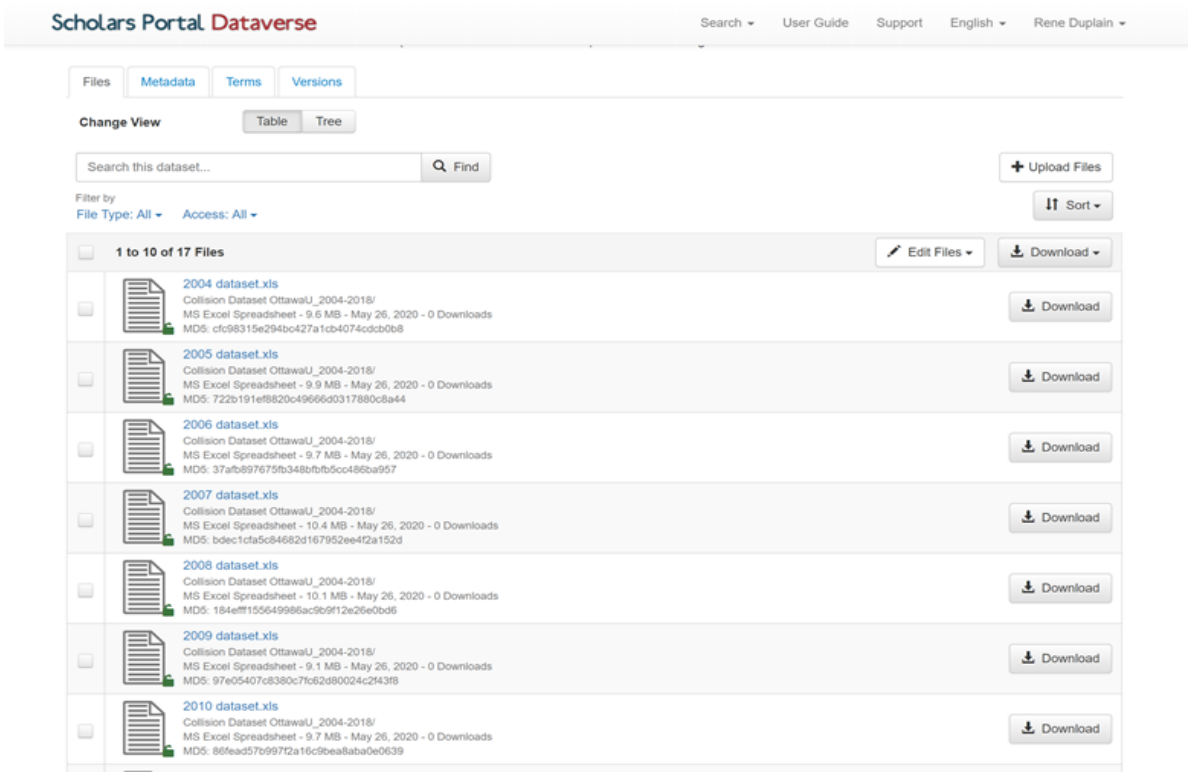
Open vs restricted access models

# Proof of concept

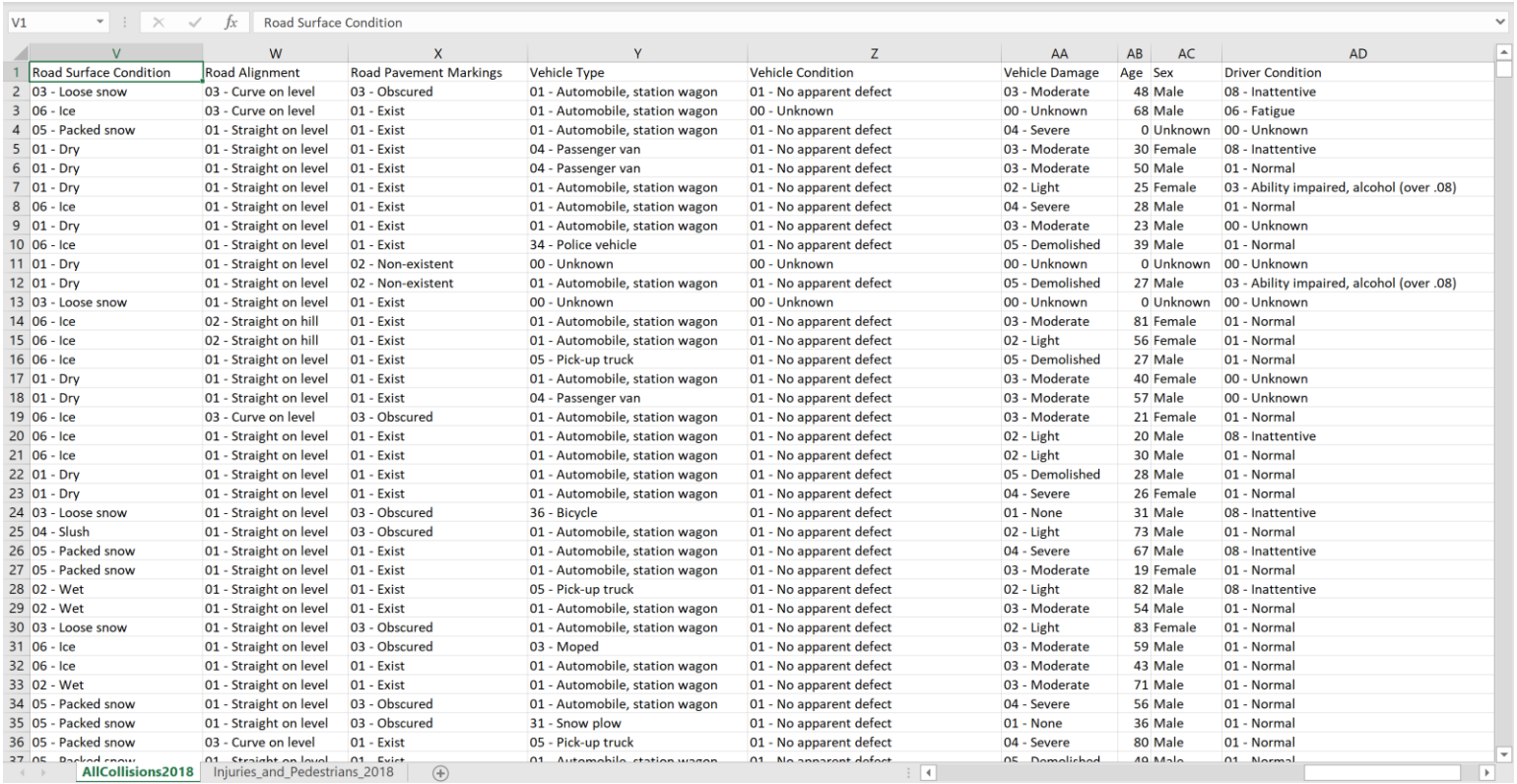
- Sandbox
- Deposit a variety of newly acquired datasets
- Different access conditions
- Explore use of dataverses in hierarchical structure

# City of Ottawa's traffic collisions dataset (2004-2018)

# Data files


Scholars Portal Dataverse
Search
User Guide
Support
English
Rene Duplain
Files
Metadata
Terms
Versions
Change View
Table
Tree
Search this dataset...
Find
Upload Files
Filter by
File Type: All
Access: All
Sort
1 to 10 of 17 Files
Edit Files
Download
2004 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 9.6 MB - May 26, 2020 - 0 Downloads
MD5: cfc98315e294bc427a1cb4074cdcb0b8
2005 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 9.9 MB - May 26, 2020 - 0 Downloads
MD5: 722b191ef8820c49666d0317880c8a44
2006 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 9.7 MB - May 26, 2020 - 0 Downloads
MD5: 37afb897675fb348bfbfb5cc486ba957
2007 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 10.4 MB - May 26, 2020 - 0 Downloads
MD5: bdec1cfa5c84682d167952ee4f2a152d
2008 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 10.1 MB - May 26, 2020 - 0 Downloads
MD5: 184efff155649986ac9b9f12e26e0bd6
2009 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 9.1 MB - May 26, 2020 - 0 Downloads
MD5: 97e05407c8380c7fc62d80024c2f43f8
2010 dataset.xls
Collision Dataset OttawaU_2004-2018/
MS Excel Spreadsheet - 9.7 MB - May 26, 2020 - 0 Downloads
MD5: 86fead57b997f2a16c9bea8aba0e0639

# Example of a data file (“2018 dataset.xls”)

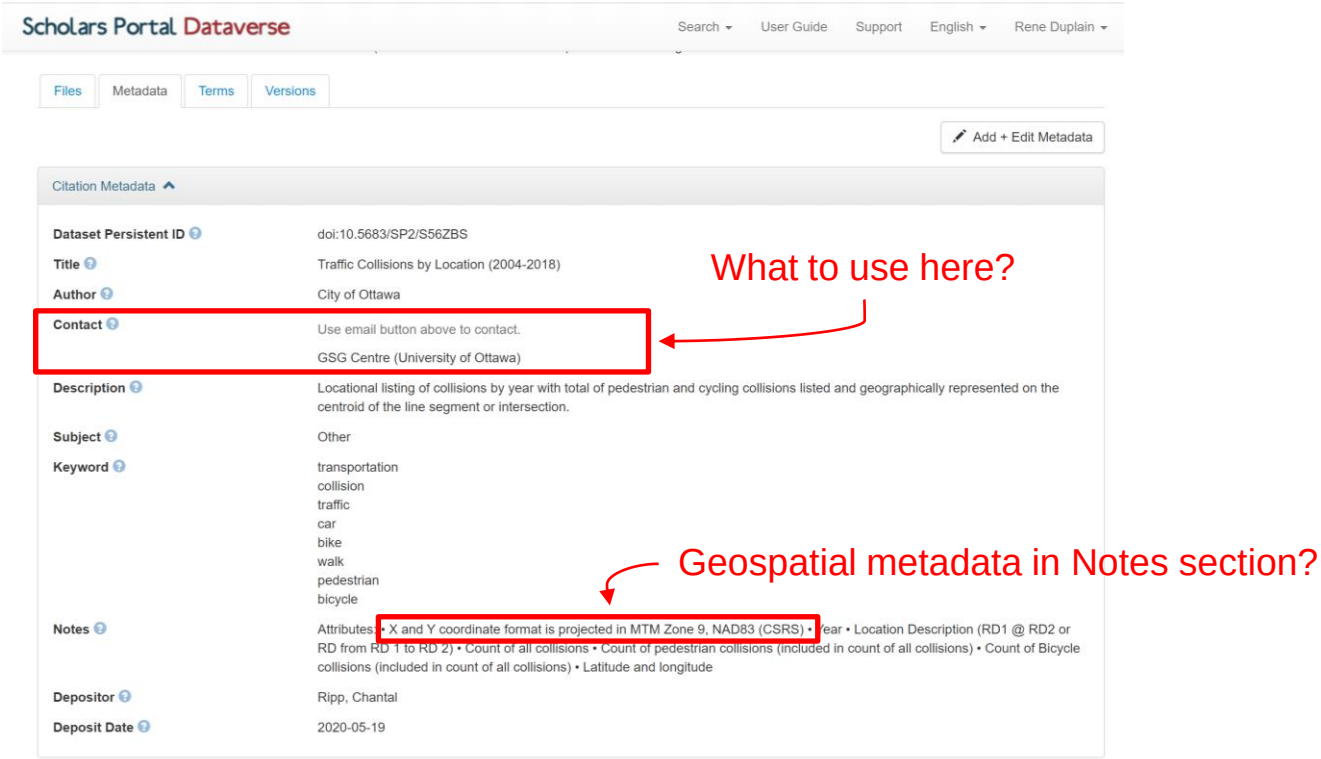


V1 | Road Surface Condition

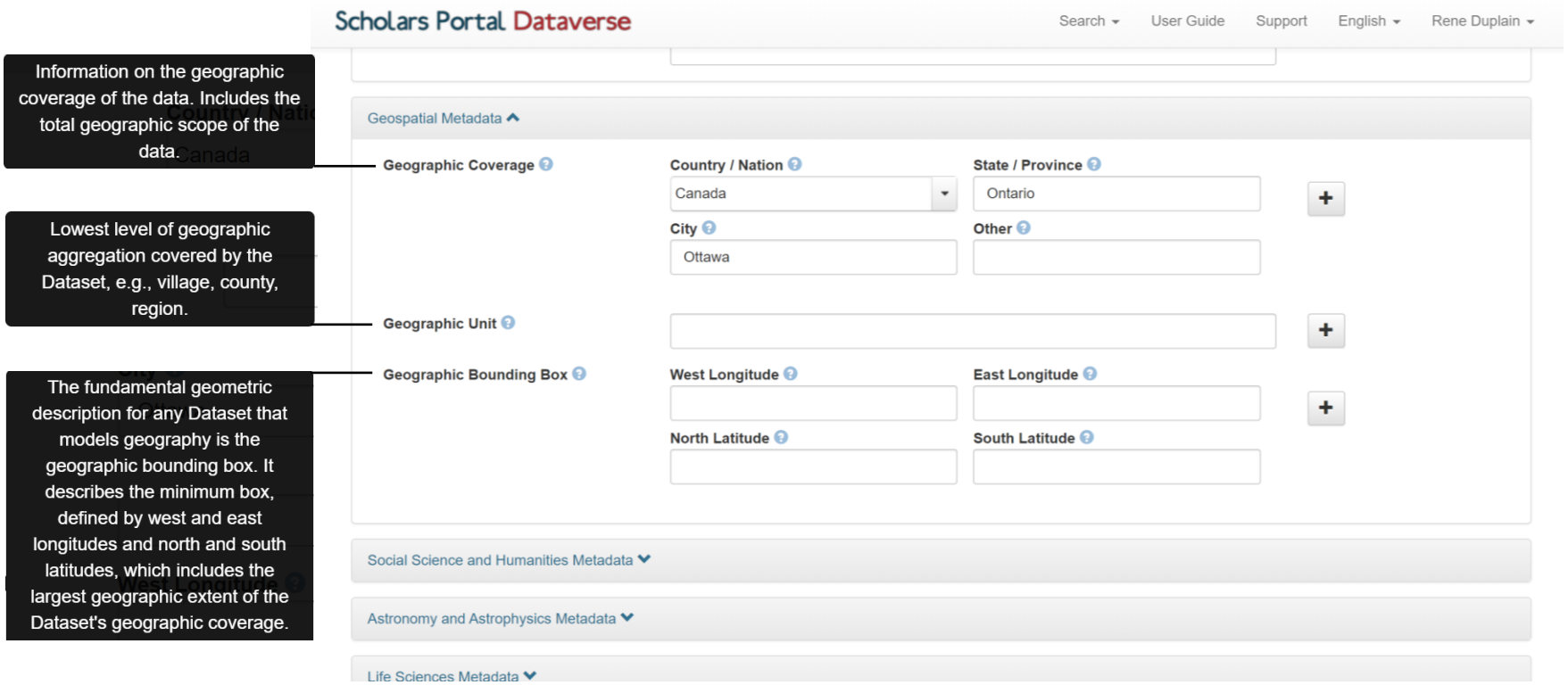
| | V | W | X | Y | Z | AA | AB | AC | AD |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Road Surface Condition | Road Alignment | Road Pavement Markings | Vehicle Type | Vehicle Condition | Vehicle Damage | Age | Sex | Driver Condition |
| 2 | 03 - Loose snow | 03 - Curve on level | 03 - Obscured | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 48 | Male | 08 - Inattentive |
| 3 | 06 - Ice | 03 - Curve on level | 01 - Exist | 01 - Automobile, station wagon | 00 - Unknown | 00 - Unknown | 68 | Male | 06 - Fatigue |
| 4 | 05 - Packed snow | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 04 - Severe | 0 | Unknown | 00 - Unknown |
| 5 | 01 - Dry | 01 - Straight on level | 01 - Exist | 04 - Passenger van | 01 - No apparent defect | 03 - Moderate | 30 | Female | 08 - Inattentive |
| 6 | 01 - Dry | 01 - Straight on level | 01 - Exist | 04 - Passenger van | 01 - No apparent defect | 03 - Moderate | 50 | Male | 01 - Normal |
| 7 | 01 - Dry | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 25 | Female | 03 - Ability impaired, alcohol (over .08) |
| 8 | 06 - Ice | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 04 - Severe | 28 | Male | 01 - Normal |
| 9 | 01 - Dry | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 23 | Male | 00 - Unknown |
| 10 | 06 - Ice | 01 - Straight on level | 01 - Exist | 34 - Police vehicle | 01 - No apparent defect | 05 - Demolished | 39 | Male | 01 - Normal |
| 11 | 01 - Dry | 01 - Straight on level | 02 - Non-existent | 00 - Unknown | 00 - Unknown | 00 - Unknown | 0 | Unknown | 00 - Unknown |
| 12 | 01 - Dry | 01 - Straight on level | 02 - Non-existent | 01 - Automobile, station wagon | 01 - No apparent defect | 05 - Demolished | 27 | Male | 03 - Ability impaired, alcohol (over .08) |
| 13 | 03 - Loose snow | 01 - Straight on level | 01 - Exist | 00 - Unknown | 00 - Unknown | 00 - Unknown | 0 | Unknown | 00 - Unknown |
| 14 | 06 - Ice | 02 - Straight on hill | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 81 | Female | 01 - Normal |
| 15 | 06 - Ice | 02 - Straight on hill | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 56 | Female | 01 - Normal |
| 16 | 06 - Ice | 01 - Straight on level | 01 - Exist | 05 - Pick-up truck | 01 - No apparent defect | 05 - Demolished | 27 | Male | 01 - Normal |
| 17 | 01 - Dry | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 40 | Female | 00 - Unknown |
| 18 | 01 - Dry | 01 - Straight on level | 01 - Exist | 04 - Passenger van | 01 - No apparent defect | 03 - Moderate | 57 | Male | 00 - Unknown |
| 19 | 06 - Ice | 03 - Curve on level | 03 - Obscured | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 21 | Female | 01 - Normal |
| 20 | 06 - Ice | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 20 | Male | 08 - Inattentive |
| 21 | 06 - Ice | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 30 | Male | 01 - Normal |
| 22 | 01 - Dry | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 05 - Demolished | 28 | Male | 01 - Normal |
| 23 | 01 - Dry | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 04 - Severe | 26 | Female | 01 - Normal |
| 24 | 03 - Loose snow | 01 - Straight on level | 03 - Obscured | 36 - Bicycle | 01 - No apparent defect | 01 - None | 31 | Male | 08 - Inattentive |
| 25 | 04 - Slush | 01 - Straight on level | 03 - Obscured | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 73 | Male | 01 - Normal |
| 26 | 05 - Packed snow | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 04 - Severe | 67 | Male | 08 - Inattentive |
| 27 | 05 - Packed snow | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 19 | Female | 01 - Normal |
| 28 | 02 - Wet | 01 - Straight on level | 01 - Exist | 05 - Pick-up truck | 01 - No apparent defect | 02 - Light | 82 | Male | 08 - Inattentive |
| 29 | 02 - Wet | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 54 | Male | 01 - Normal |
| 30 | 03 - Loose snow | 01 - Straight on level | 03 - Obscured | 01 - Automobile, station wagon | 01 - No apparent defect | 02 - Light | 83 | Female | 01 - Normal |
| 31 | 06 - Ice | 01 - Straight on level | 03 - Obscured | 03 - Moped | 01 - No apparent defect | 03 - Moderate | 59 | Male | 01 - Normal |
| 32 | 06 - Ice | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 43 | Male | 01 - Normal |
| 33 | 02 - Wet | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 03 - Moderate | 71 | Male | 01 - Normal |
| 34 | 05 - Packed snow | 01 - Straight on level | 03 - Obscured | 01 - Automobile, station wagon | 01 - No apparent defect | 04 - Severe | 56 | Male | 01 - Normal |
| 35 | 05 - Packed snow | 01 - Straight on level | 03 - Obscured | 31 - Snow plow | 01 - No apparent defect | 01 - None | 36 | Male | 01 - Normal |
| 36 | 05 - Packed snow | 03 - Curve on level | 01 - Exist | 05 - Pick-up truck | 01 - No apparent defect | 04 - Severe | 80 | Male | 01 - Normal |
| 37 | 05 - Packed snow | 01 - Straight on level | 01 - Exist | 01 - Automobile, station wagon | 01 - No apparent defect | 05 - Demolished | 49 | Male | 01 - Normal |

AllCollisions2018 | Injuries_and_Pedestrians_2018

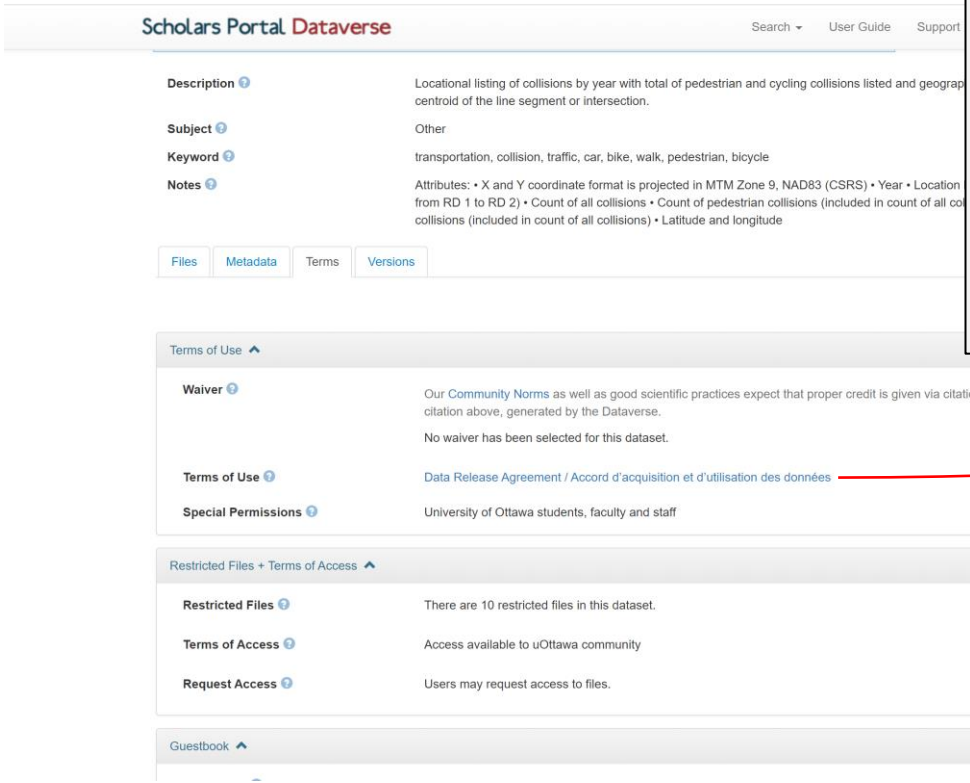
# Some ambiguity in selected metadata fields

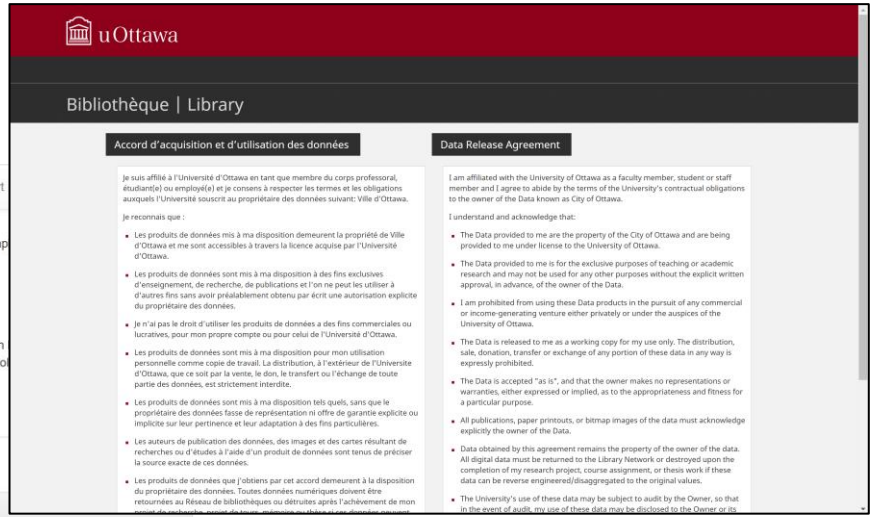


# Geospatial metadata



# Terms of use




Link to our custom
Data Release Agreement?

# Lessons learned

- De-mystified platform, required metadata fields, and inputs for common fields across datasets (e.g. Contact)
- Need to go with preferential language of choice (challenge in bilingual metadata discovery)
- Limited geospatial metadata
- Overall, Dataverse seems a suitable option for our needs

# Future direction

- Data Inventory – datasets within scope of interest
- Continue investigating other discovery services for geospatial datasets (e.g. Scholar’s Portal Geoportal)
- Explore integration with other library discovery services (OMNI)
- Refine deposit/curation practices


QUESTIONS