Intro - Intro

This study investigates how participants locate and evaluate data they do not create themselves.

The survey consists of three main sections:

• Part 1: Data Needs

• Part 2: Finding Data

• Part 3: Evaluating Data

Our funding comes from the Netherlands Organization for Scientific Research (NWO). The study is part of a collaborative research project between researchers at the Data Archiving and Networked Services (DANS), the University of Amsterdam, the Vrije Universiteit Amsterdam and Elsevier.

By clicking on the below button to start the survey, you indicate your consent to participate in this research. You can read more about the survey and what will be done with the data here (this will launch a new window).

Thank you for your participation.

Please click >> button to indicate consent to participate and to begin the survey.

Question number (variable name)

Q1 (dem_role)

Part 1: Data Needs
Which of the following best describes you?

Please select one answer

○ Researcher (1)
○ Student (2)
○ Librarian, archivist or research/data support provider (3)
○ Manager (4)
○ Other. Please specify (5) (dem_role_oth)_____

Q2 (need_open)

Part 1: Data Needs
Please describe the secondary data that you (might) need. (We define secondary data as data that you do not create yourself).

○ *Please write your answer in the box below:*

[   ]

Q3

Part 1: Data Needs
Please select the options that describe the secondary data that you (might) need.

Please select all that apply

❑ Observational or empirical (e.g. sensor data, survey data, interview transcripts, sample data, neuroimages, ethnographic data, diaries) (1) (need_obs)
❑ Experimental (e.g. gene sequences, chromatograms, toroid magnetic field data) (2) (need_exp)
❑ Simulation (e.g. climate models, economic models) (3) (need_sim)
❑ Derived or compiled (e.g. text and data mining, compiled database, 3D models) (4) (need_deriv)
❑ Other, Please specify (5) (need_oth); (need_othresp)_____

Q4

Part 1: Data Needs
Why do you use or need secondary data?

Please select all that apply

❑ As the basis for a new study (1) (use_nwstdy)
❑ To calibrate instruments or models (2) (use_calb)
❑ For benchmarking (3) (use_bmk)
❑ To verify my own data (4) (use_vrf)
❑ As model, algorithm or system inputs (5) (use_inpt)
❑ To generate new ideas (6) (use_idea)
❑ For teaching/training (7) (use_tch)
❑ To prepare for a new project or proposal (8) (use_nwprj)
❑ To experiment with new methods and techniques (e.g. to develop data science skills) (9) (use_nwmth)
❑ To identify trends or make predictions (10) (use_tnd)
❑ To compare multiple datasets to find commonalities or differences (11) (use_cmp)
❑ To create summaries, visualizations, or analysis tools (12) (use_smvs)
❑ To integrate with other data to create a new dataset (13) (use_intg)
❑ Other. Please specify (14) (use_oth), (use_oth_rsp)_____

Q5 (need_othdisc)

Part 1: Data Needs
Have you ever used data outside of your area of expertise?

Please select one answer

◯ Yes (1)
◯ No (2)

Q5a (find_othdisc)

Part 1: Data Needs
How did you find this data?

Please write your answer in the box below:

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Q6

Part 2: Finding Data
When you need data, who finds it for you?

Please select all that apply

❑ I find it myself (1) (find_whoself)
❑ Graduate student (2) (find_whograd)
❑ Research support professional (e.g. librarian, archivist, data or literature manager) (3) (find_whosuppt)
❑ Someone else in my personal network (e.g. peers, collaborators, mentors) (4) (find_whonetwk)
❑ Other. Please specify (5) (find_whooth); (find_whoothresp)_____

Q7

Part 2: Finding Data
How frequently do you use the following to find data?

Please select one answer per row

	Often (1)	Occasionally (2)	Never (3)
Multidisciplinary data repositories (1) (source_multrepos)			
Discipline-specific data repositories (2) (source_discrepos)			
Governmental agencies and websites (3) (source_gov)			
Personal networks (e.g. colleagues, peers) (4) (source_netwk)			
Academic literature (e.g. journal articles, conference proceedings) (5) (source_lit)			
Code repository (e.g. GitHub) (6) (source_coderep)			
General search engines (e.g. Google) (7) (source_srcheng)			
Professional associations (8) (source_profassc)			
Data specific search engines (9) (source_datsrcheng)			
Commercial sources (10) (source_commrc)			
Consultation with research support professionals (e.g. librarians, archivists or data managers) (11) (source_suppt)			

Q7_open (source_open)

Please specify any other resources that you use to find data:

Please write your answer in the box below:

[   ]

Q7a

Part 2: Finding Data
Which statement(s) describe how you discover data using the academic literature?

Please select all that apply

❑ I search the academic literature with the goal of finding data. (1) (strategy_goal)
❑ I find data serendipitously while reading articles or performing literature searches. (2) (strategy_serend)
❑ I follow citations and references in the literature to datasets. (3) (strategy_cit)
❑ I extract and use data from the literature directly (e.g. from tables, graphs, or instrument specifications and parameters) (4) (strategy_extrct)
❑ Other. Please specify (5)(strategy_oth); (strategy_othresp)_____

Q7b (succs_srcheng)

Part 2: Finding Data
How successful are you at finding data with a general search engine (e.g. Google)?

Please select one answer

○ Very successful (1)
○ Successful (2)
○ Sometime successful, sometimes not (3)
○ Rarely successful (4)
○ Not successful (5)

Q8

Part 2: Finding Data
How frequently do you find data in the following ways?

Please select one answer per row

	Often (1)	Occasionally (2)	Never (3)
By actively searching for data in an online resource (1) (find_actonln)			
Serendipitously, when searching for something else (e.g. when looking for journal articles or news) (2) (find_serendsrch)			
Serendipitously, when NOT actively looking for something else (e.g. via an email notice or interaction with a colleague) (3) (find_serendpas)			
In the course of sharing or managing my own data (4) (find_share)			

Q9

Part 2: Finding Data
Please indicate if you use the following to discover, access, or make sense of data.

Please select all that apply

	Q10a - Discover	Q10b - Access	Q10c - Making sense of data
Conversations with personal networks (e.g. colleagues, peers) (1)	(find_netwk)	(accss_netwk)	(eval_netwk)
Contacting the data creator (2)	(find_creatr)	(accss_creatr)	(eval_creatr)
Developing new academic collaborations with data creators (3)	(find_collab)	(accss_collab)	(eval_collab)
Attending conferences (4)	(find_conf)	(accss_conf)	(eval_conf)
Disciplinary mailing lists or discussion forums (5)	(find_list)	(accss_list)	(eval_list)

Q10 (find_litdat)

Part 2: Finding Data
Do you discover data differently than how you discover academic literature?

Please select one answer

○ Yes (1)
○ Sometimes (2)
○ No (3)

Q10a (find_litdatopn)

Part 2: Finding Data
How is your process for finding data different than your process for finding academic literature?

Please write your answer in the box below:

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Q11(find_ease)

Part 2: Finding Data
How easy is it to find data?

Please select one answer

○ Easy (1)
○ Sometimes challenging (2)
○ Difficult (3)

Q11a

Part 2: Finding Data
Why is it challenging to find the data that you need?

Please select all that apply

❑ The data are not accessible (e.g. behind paywalls, held by industry). (1) (find_chalaccs)
❑ I don't know where or how to best look for the data. (2) (find_chalskill)
❑ The data are located in many different places. (3) (find_chaldistrb)
❑ The data are not digital. (4) (find_chaldigtl)
❑ Online search tools are inadequate. (5) (find_chaltools)
❑ I do not have the personal network needed to find or access the data. (6) (find_chalnetwk)
❑ Other. Please specify (7) (find_chaloth); (find_chalothresp)_____

Q12

Part 3: Evaluating Data
Please indicate the importance of the following information when deciding whether or not to use secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Data collection conditions and methodology (1) (eval_infmeth)					
How data has been processed and handled (2) (eval_infprov)					
Reputation of data creator (3) (eval_infrepcreatr)					
Personally knowing the data creator (4) (eval_infrelcreatr)					
Reputation of data source (e.g. repository or journal) (5) (eval_infrepsource)					
Detailed and complete metadata and documentation (6) (eval_infmeta)					

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Data size (7) (eval_infsize)					
Data format (8) (eval_inffrmt)					
Licensing/copyright conditions (9) (eval_inflic)					
Correct coverage (time, location, population, etc.) (10) (eval_infcovg)					
Original purpose of the data (11) (eval_infpurps)					
Ease of access (12) (eval_infaccs)					
Topic relevance (13) (eval_inftopic)					

Q12_open (eval_infopen)

Please specify any other information you consider when deciding whether to use or not secondary data.

Please write your answer in the box below:

[ ]

Q13

Part 3: Evaluating Data
How important are the following strategies in evaluating and making sense of data?

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Consulting associated journal articles (1) (eval_stratart)					
Consulting data documentation and codebooks (2) (eval_stratdoc)					
Consulting the data creator (3) (eval_stratcreatr)					
Consulting personal networks (e.g. colleagues, peers) (4) (eval_stratnetwk)					
Exploratory data analysis (e.g. statistical checks, graphical analysis) (5) (eval_strateda)					

Q13_open (eval_stratopen)

Please specify any other strategies you consider to evaluate and make sense of data.

Please write your answer in the box below:

[ ]

Q14

Part 3: Evaluating Data
Please indicate the importance of the following in helping you to establish trust in secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Others' prior usage of the data (1) (eval_trstuse)					
Reputation of source (e.g. repository, journal) (2) (eval_trstsource)					
Reputation of data creator (3) (eval_trstrepcreatr)					
Transparency in data collection methods (4) (eval_trstmeth)					
Lack of errors (5) (eval_trsterr)					
Ease of access (6) (eval_trstaccs)					
Personal relationship with the data creator (7) (eval_trstrelcrtr)					

Q14_open (eval_trstopen)

Please specify any other important aspects you consider to help establish trust in secondary data.

Please write your answer in the box below:

Q15

Part 3: Evaluating Data
Please indicate the importance of the following in helping you to establish the quality of secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Lack of errors (1) (eval_qualerr)					
Ease of downloading and exploring data (2) (eval_qualeda)					
Data size (3) (eval_qualsize)					
Data completeness (4) (eval_qualcomplt)					
Reputation of source (e.g. repository, journal) (5) (eval_qualsource)					
Resolution or clarity (6) (eval_qualresltn)					
Reputation of data creator (7) (eval_qualrepcreatr)					
Detail or amount of work done to prepare data (8) (eval_qualprep)					
Consistency of formatting (9) (eval_qualcnsistnt)					

Q15_open (eval_qualopen)

Please specify any other important aspects you consider to help establish the quality of secondary data.

Please write your answer in the box below:

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[                                                                    ]
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D1

Part 4: Demographics
In which subject discipline do you specialize?

Please check all that apply.

❑ Agriculture (1) (disc_agricul)
❑ Arts and Humanities (2) (disc_artshuman)
❑ Astronomy (3) (disc_astronom)
❑ Biochemistry, Genetics, and Molecular Biology (4) (disc_biochem)
❑ Biological Sciences (5) (disc_biological)
❑ Business, Management and Accounting (6) (disc_busin)
❑ Chemical Engineering (7) (disc_chemeng)
❑ Chemistry (8) (disc_chem)
❑ Computer Sciences / IT (9) (disc_compsci)
❑ Decision Sciences (10) (disc_decisionsci)
❑ Dentistry (11) (disc_dentist)
❑ Earth and Planetary Sciences (12) (disc_earthplanet)
❑ Economics, Econometrics and Finance (13) (disc_econ)
❑ Energy (15) (disc_energy)
❑ Engineering and Technology (16) (disc_engtech)
❑ Environmental Sciences (17) (disc_environ)

❑ Health professions (18) (disc_healthprof)
❑ Immunology and Microbiology (19) (disc_immun)
❑ Materials Science (20) (disc_matlsci)
❑ Mathematics (21) (disc_math)
❑ Medicine (22) (disc_med)
❑ Multidisciplinary (23) (disc_multi)
❑ Neuroscience (24) (disc_neuro)
❑ Nursing (25) (disc_nurs)
❑ Pharmacology, Toxicology and Pharmaceutics (26) (disc_pharma)
❑ Physics (27) (disc_physics)
❑ Psychology (28) (disc_psych)
❑ Social Science (29) (disc_socsci)
❑ Veterinary (30) (disc_vet)
❑ Information science (31) (disc_infosci)
❑ Other. Please specify (32) (disc_other); (disc_othresp) _____

D2 (dem_exprnce)

Part 4: Demographics
You are nearly at the end of the survey. Below are some questions to help us classify your answers.
How many years of professional experience do you have in your field?

Please select one answer

○ 0-5 (1)
○ 6-15 (2)
○ 16-30 (3)
○ 31+ (4)

D3 (dem_country)

Part 4: Demographics
In which county do you currently work?

- ○ Afghanistan (1)
- ○ Albania (2)
- ○ Algeria (3)
- ○ American Samoa (4)
- ○ Andorra (5)
- ○ Angola (6)
- ○ Anguilla (7)
- ○ Antarctica (8)
- ○ Antigua and Barbuda (9)
- ○ Argentina (10)
- ○ Armenia (11)
- ○ Aruba (12)
- ○ Australia (13)
- ○ Austria (14)
- ○ Azerbaijan (15)
- ○ Bahamas (16)
- ○ Bahrain (17)
- ○ Bangladesh (18)
- ○ Barbados (19)
- ○ Belarus (20)
- ○ Belgium (21)
- ○ Belize (22)
- ○ Benin (23)
- ○ Bermuda (24)
- ○ Bhutan (25)
- ○ Bolivia (26)
- ○ Bosnia and Herzegovina (27)
- ○ Botswana (28)
- ○ Brazil (29)
- ○ British Indian Ocean Territory (30)
- ○ BRUNEI (31)
- ○ Brunei Darussalam (32)
- ○ Bulgaria (33)
- ○ Burkina Faso (34)
- ○ Burundi (35)
- ○ Cambodia (36)
- ○ Cameroon (37)
- ○ Canada (38)
- ○ Cape Verde (39)
- ○ Cayman Islands (40)
- ○ Central African Republic (41)
- ○ Chad (42)
- ○ Chile (43)
- ○ China (44)
- ○ Christmas Island (45)
- ○ Cocos (Keeling) Islands (46)
- ○ Colombia (47)
- ○ Comoros (48)

- Congo (49)
- Cook Islands (50)
- Costa Rica (51)
- Cote d'Ivoire (52)
- Croatia (53)
- Cuba (54)
- Cyprus (55)
- Czech Republic (56)
- Denmark (57)
- Djibouti (58)
- Dominica (59)
- Dominican Republic (60)
- East Timor (61)
- Ecuador (62)
- Egypt (63)
- El Salvador (64)
- Equatorial Guinea (65)
- Eritrea (66)
- Estonia (67)
- Ethiopia (68)
- Falkland Islands (Malvinas) (69)
- Fiji (70)
- Finland (71)
- France (72)
- French Guiana (73)
- French Polynesia (74)
- French Southern Territories (75)
- Gambia (76)
- Georgia (77)
- Germany (78)
- Ghana (79)
- Gibraltar (80)
- Greece (81)
- Greenland (82)
- Grenada (83)
- Guadeloupe (84)
- Guam (85)
- Guatemala (86)
- Guinea-Bissau (87)
- Haiti (88)
- Heard Island and McDonald Islands (89)
- Holy See (Vatican City State) (90)
- Honduras (91)
- Hong Kong (92)
- Hungary (93)
- Iceland (94)
- India (95)
- Indonesia (96)
- Iran (Islamic Republic of) (97)
- Iraq (98)

- Ireland (99)
- Israel (100)
- Italy (101)
- Jamaica (102)
- Japan (103)
- Jordan (104)
- Kazakhstan (105)
- Kenya (106)
- Kiribati (107)
- North Korea (108)
- Kuwait (109)
- Kyrgyzstan (110)
- Lao People's Democratic Republic (111)
- LAOS (112)
- Latvia (113)
- Lebanon (114)
- Lesotho (115)
- Liberia (116)
- Libyan Arab Jamahiriya (117)
- Lithuania (118)
- Luxembourg (119)
- Macau (120)
- Madagascar (121)
- Malawi (122)
- Malaysia (123)
- Maldives (124)
- Mali (125)
- Malta (126)
- Martinique (127)
- Mauritania (128)
- Mauritius (129)
- Mexico (130)
- Micronesia (Federated States of) (131)
- Monaco (132)
- Mongolia (133)
- Montserrat (134)
- Morocco (135)
- Mozambique (136)
- Myanmar (137)
- Namibia (138)
- Nauru (139)
- Nepal (140)
- Netherlands (141)
- Netherlands Antilles (142)
- New Caledonia (143)
- New Zealand (144)
- Nicaragua (145)
- Niger (146)
- Nigeria (147)
- Niue (148)

- ○ Norfolk Island (149)
- ○ Norway (150)
- ○ Oman (151)
- ○ Pakistan (152)
- ○ Palau (153)
- ○ Panama (154)
- ○ Papua New Guinea (155)
- ○ Paraguay (156)
- ○ Peru (157)
- ○ Philippines (158)
- ○ Pitcairn (159)
- ○ Poland (160)
- ○ Portugal (161)
- ○ Puerto Rico (162)
- ○ Qatar (163)
- ○ Reunion (164)
- ○ Romania (165)
- ○ RUSSIA (166)
- ○ Rwanda (168)
- ○ Saint Helena (169)
- ○ Saint Kitts and Nevis (170)
- ○ Saint Lucia (171)
- ○ Saint Vincent and the Grenadines (172)
- ○ Samoa (173)
- ○ Sao Tome and Principe (174)
- ○ Saudi Arabia (175)
- ○ Senegal (176)
- ○ Serbia and Montenegro (177)
- ○ Seychelles (178)
- ○ Sierra Leone (179)
- ○ Singapore (180)
- ○ Slovakia (181)
- ○ Slovenia (182)
- ○ Solomon Islands (183)
- ○ Somalia (184)
- ○ South Africa (185)
- ○ SOUTH KOREA (186)
- ○ Spain (187)
- ○ Sri Lanka (188)
- ○ Sudan (189)
- ○ Suriname (190)
- ○ Swaziland (191)
- ○ Sweden (192)
- ○ Switzerland (193)
- ○ Syrian Arab Republic (194)
- ○ Taiwan (195)
- ○ Tajikistan (196)
- ○ TANZANIA (197)
- ○ Thailand (198)
- ○ Togo (200)

○ Tonga (201)
○ Trinidad and Tobago (202)
○ Tunisia (203)
○ Turkey (204)
○ Turkmenistan (205)
○ Turks and Caicos Islands (206)
○ Uganda (207)
○ Ukraine (208)
○ United Arab Emirates (209)
○ United Kingdom (210)
○ United States Minor Outlying Islands (212)
○ Uruguay (213)
○ USA (211)
○ Uzbekistan (215)
○ Vanuatu (216)
○ Venezuela (217)
○ Viet Nam (218)
○ Virgin Islands (219)
○ VIRGIN ISLANDS (US) (220)
○ Virgin Islands, British (221)
○ Wallis and Futuna (222)
○ Yemen (223)
○ Zambia (224)
○ Zimbabwe (225)
○ Palestinian Territory,Occupied (226)
○ Moldova, Republic of (227)
○ Marshall Islands (228)
○ Macedonia, The Former Yugoslav Republic of (229)
○ Liechtenstein (230)
○ Korea, Republic of (231)
○ Guyana (232)
○ Guinea (233)
○ Gabon (234)
○ Faroe Islands (235)
○ Zanzibar (236)
○ Tokelau (237)

D4 (dem_org)

Part 4: Demographics
What type of organization do you work for?

Please select one answer

○ University or college (1)
○ Research institution (2)
○ Government agency (3)
○ Corporate (4)
○ Independent archive or library (5)
○ Other. Please specify (6) (dem_orgoth)_____

D5

Part 4: Demographics
Please indicate how the following people feel about sharing their research data.

Please select one answer per row

	Data sharing is strongly encouraged (1)	Data sharing is somewhat encouraged (2)	Data sharing is neither encouraged nor discouraged (3)	Data sharing is somewhat discouraged (4)	Data sharing is strongly discouraged (5)	Don't know/ Not applicable (6)
You (1) (dem_sharself)						
The people you work with directly (2) (dem_shargrp)						
Your disciplinary community (3) (dem_shardisc)						
Your institution (4) (dem_sharorg)						

D6

Part 4: Demographics
Please indicate how the following people feel about reusing data produced by other people.

Please select one answer per row

	Data reusing is strongly encouraged (1)	Data reusing is somewhat encouraged (2)	Data reusing is neither encouraged nor discouraged (3)	Data reusing is somewhat discouraged (4)	Data reusing is strongly discouraged (5)	Don't know/ Not applicable (6)
You (1) (dem_reuseself)						
The people you work with directly (2) (dem_reusegrp)						
Your disciplinary community (3) (dem_reusedisc)						
Your institution (4) (dem_reuseorg)						

D7 (dem_shared) [Not asked to librarians/research support]

Part 4: Demographics
Have you ever shared your own research data?

Please select one answer

◯ Yes (1)

○ No (2)

D8 (dem_open)

Part 4: Demographics
Final comments: Do you have anything else that you would like us to know?

Please write your comments in the box below:

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Questions asked to participants selecting "Librarian, archivist or research/data support provider" as their role. These participants were also asked the questions in the Demographics section.

L3 (use_whorsrch)

Part 1: Data Needs
Do you use or need secondary data for your own research or to support others?

Please select one answer

○ For my own research (1)
○ To support others (2)
○ For both my own research and to support others (3)
○ Other. Please specify (4)

L4 (branching question from L3)

Part 1: Data Needs
Who are the people whom you support?

Please select all that apply

❑ Students (1) (whosupprt_stud)
❑ Researchers (2) (whosupprt_res)
❑ Industry employees (3) (whosupprt_indus)
❑ Other. Please specify (4) (whosupprt_oth); (whosupprt_othresp)_____

L5 (branching question from L3)

Part 1: Data Needs
How do you support people with their data needs?

Please select all that apply

❑ I teach people about data management planning (e.g. through consultations, workshops, etc). (1) (supprt_teachdmp)
❑ I teach people how to discover and evaluate data (e.g. through consultations, workshops, etc.). (2) (supprt_teachsklls)
❑ I find data for people. (3) (supprt_finddta)
❑ I help people to curate their data. (4) (supprt_curate)
❑ I find literature for people. (5) (supprt_findlit)
❑ Other. Please specify (6) (supprt_oth); (supprt_othresp)_____

❑ **L6** (need_open)

❑ Part 1: Data Needs
Please describe the secondary data that you or the people whom you support need. (We define secondary data as data that you do not create yourself).

❑ *Please write your answers in the box below:*

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┌─────────────────────────────────────────────────────────────┐
│                                                             │
│                                                             │
│                                                             │
└─────────────────────────────────────────────────────────────┘
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L7

Part 1: Data Needs
Which category of data best describes the data that you or the people you support need?

Please select all that apply

❑ Observational or empirical (e.g. sensor data, survey data, interview transcripts, sample data, neuroimages, ethnographic data, diaries) (1) (need_obs)
❑ Experimental (e.g. gene sequences, chromatograms, toroid magnetic field data) (2) (need_exp)
❑ Simulation (e.g. climate models, economic models) (3) (need_sim)
❑ Derived or compiled (e.g. text and data mining, compiled database, 3D models) (4) (need_deriv)
❑ Other. Please specify (5) (need_oth);(need_othresp)_____

L8

Part 1: Data Needs
Why do you use or the people you support use or need secondary data?

Please select all that apply

❑ As the basis for a new study (1) (use_nwstdy)
❑ To calibrate instruments or models (2) (use_calb)
❑ For benchmarking (3) (use_bnchmrk)
❑ To verify my/their own data (4) (use_vrfctn)
❑ As model, algorithm or system inputs (5) (use_inpt)
❑ To generate new ideas (6) (use_idea)
❑ For teaching/training (7) (use_tch)
❑ To prepare for a new project or proposal (8) (use_nwprj)
❑ To experiment with new methods and techniques (e.g. to develop data science skills) (9) (use_nwmth)
❑ To identify trends or make predictions (10) (use_trnds)
❑ To compare multiple datasets to find commonalities or differences (11) (use_cmprsn)
❑ To create summaries or visualizations, or analysis tools (12) (use_smvs)
❑ To integrate with other data to create a new dataset (13) (use_intgrtn)
❑ Other. Please specify (14) (use_oth); (use_othresp)_____

L9

Part 2: Finding Data
How frequently do you use the following to find data?

Please select one answer per row

	Often (1)	Occasionally (2)	Never (3)
Multidisciplinary data repositories (1) (source_multrepos)			
Discipline-specific data repositories (2) (source_discrepos)			

	Often (1)	Occasionally (2)	Never (3)
Governmental agencies and websites (3) (source_gov)			
Personal networks (e.g. colleagues, peers) (4) (source_netwk)			
Academic literature (e.g. journal articles, conference proceedings) (5) (source_lit)			
Code repository (e.g. GitHub) (11) (source_coderep)			
General search engines (e.g. Google) (6) (source_srcheng)			
Professional associations (7) (source_profassc)			
Data specific search engines (8) (source_datsrcheng)			
Commercial sources (9) (source_commrc)			

L9_open (source_open)

Please specify any other resources that you use to find data.

Please write your answer in the box below:

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L9a

Part 2: Finding Data
Which statement(s) describe how you discover and use data in the academic literature?

Please select all that apply

❑ I search the academic literature with the goal of finding data. (1) (strategy_goal)
❑ I find data serendipitously while reading articles or performing literature searches. (2) (strategy_serend)
❑ I follow citations and references in the literature to datasets. (3) (strategy_cit)
❑ I extract and use data from the literature directly (e.g. from tables, graphs, or instrument specifications and parameters) (4) (strategy_extrct)
❑ Other. Please specify (5) (strategy_oth); (strategy_othresp)_____

L9b (succs_srcheng)

Part 2: Finding Data
How successful are you at finding data with a general search engine (e.g. Google)?

Please select one answer

○ Very successful (1)
○ Successful (2)
○ Sometimes successful, sometimes not (3)
○ Rarely successful (4)
○ Not successful (5)

L10

Part 2: Finding Data
How frequently do you find data in the following ways?

Please select one answer per row

	Often (1)	Occasionally (2)	Never (3)
By actively searching for data in an online resource (1) (find_actonln)			

	Often (1)	Occasionally (2)	Never (3)
Serendipitously, when searching for something else (e.g. when looking for journal articles or news) (2) (find_serendsrch)			
Serendipitously, when NOT actively looking for something else (e.g. via an email notice or interaction with a colleague) (3) (find_serendpas)			
In the course of sharing or managing data (4) (find_share)			

L11

Part 2: Finding Data
Please indicate if you or the people you support use the following to discover, access, or make sense of data.

Please select all that apply

	L11a - Discover	L11b - Access	L11c - Making sense of data	L11d - Don't know
Conversations with personal networks (e.g. colleagues, peers) (1)	(find_netwk)	(accss_netwk)	(eval_netwk)	(na_netwk)
Contacting the data creator (2)	find_creatr)	(accss_creatr)	(eval_creatr)	(na_creatr)
Developing new academic collaborations with data creators (3)	(find_collab)	(accss_collab)	(eval_collab)	(na_collab)
Attending conferences (4)	(find_conf)	(accss_conf)	(eval_conf)	(na_conf)
Disciplinary mailing lists or discussion forums (5)	(find_list)	(accss_list)	(eval_list)	(na_list)

L11a (findaccseval_oth)

If necessary, use the below space to further explain your answer

Please write your answers in the box below:

L12 (find_litdat)

Part 2: Finding Data
Do you discover data differently than how you discover academic literature?

Please select one answer

○ Yes (1)
○ Sometimes (2)
○ No (3)

L12a (find_litdatopn)

Part 2: Finding Data
How is your process for finding data different than your process for finding academic literature?

Please write your answers in the box below:

L13

Part 3: Evaluating Data
Please indicate the importance of the following information when you are deciding whether or not to use or recommend secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Data collection conditions and methodology (1) (eval_infmeth)					
How data has been processed and handled (2) (eval_infprov)					
Reputation of data creator (3) (eval_infrepcreatr)					
Personally knowing the data creator (4) (eval_infrelcreatr)					
Reputation of data source (e.g. repository or journal) (5) (eval_infrepsource)					
Detailed and complete metadata or documentation (6) (eval_infmeta)					
Data size (7) (eval_infsize)					
Data format (8) (eval_inffrmt)					
Licensing/copyright conditions (9) (eval_inflic)					
Correct coverage (time, location, population, etc.) (10) (eval_infcovg)					
Original purpose of the data (11) (eval_infpurps)					
Ease of access (12) (eval_infaccs)					
Topic relevance (13) (eval_inftopic)					

L13_open (eval_infopen)

Please specify any other information you consider when deciding whether or not to use or recommend secondary data.

Please write your answer in the box below:

L14 (eval_spprtd)

Part 3: Evaluating Data
Are these the same criteria that the people you support use?

Please select one answer

○ Yes (1)
○ No (2)
○ Don't know (3)

L14a (eval_spprtdopn)

Part 3: Evaluating Data
What information is most important to the people whom you support when deciding whether or not to reuse data?

Please write your answers in the box below:

L15

Part 3: Evaluating Data
How important are the following strategies for you when evaluating and making sense of data?

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Consulting associated journal articles (1) (eval_stratart)					
Consulting data documentation and codebooks (2) (eval_stratdoc)					
Consulting the data creator (3) (eval_stratcreatr)					
Consulting personal networks (e.g. colleagues, peers) (4) (eval_stratnetwk)					
Exploratory data analysis (e.g. statistical checks, graphical analysis) (5) (eval_strateda)					

L15_open (eval_stratopen)

Please specify any other strategies you consider to evaluate and make sense of data.

Please write your answer in the box below:

L16

Part 3: Evaluating Data
Please indicate the importance of the following in helping you to establish trust in secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Others' prior usage of the data (1) (eval_trstuse)					
Reputation of source (e.g. repository, journal) (2) (eval_trstsource)					
Reputation of data creator (3) (eval_trstrepcreatr)					

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Transparency in data collection methods (4) (eval_trstmeth)					
Lack of errors (5) (eval_trsterr)					
Ease of access (6) (eval_trstaccs)					
Personal relationship with the data creator (7) (eval_trstrelcrtr)					

L16_open (eval_trstopen)

Please specify any other important aspects you consider to help establish trust in secondary data.

Please write your answer in the box below:

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L17

Part 3: Evaluating Data
Please indicate the importance of the following in helping you to establish the quality of secondary data.

Please select one answer per row

	Extremely important (1)	Important (2)	Somewhat important (3)	Less important (4)	Not important (5)
Lack of errors (1) (eval_qualerr)					
Ease of downloading and exploring data (2) (eval_qualeda)					
Data size (3) (eval_qualsize)					
Data completeness (4) (eval_qualcomplt)					
Reputation of source (e.g. repository, journal) (5) (eval_qualsource)					
Resolution or clarity (6) (eval_qualresltn)					
Reputation of data creator (7) (eval_qualrepcreatr)					
Detail or amount of work done to prepare data (8) (eval_qualprep)					
Consistency of formatting (9) (eval_qualcnsistnt)					

L17_open (eval_qualopen)

Please specify any other important aspects you consider to help establish the quality of secondary data.

Please write your answer in the box below:

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