

DW Handbook evaluation survey

Start of Block: Block 0

Q1.1 Thanks for taking the time to take this survey that intends to evaluate the Data Wrangling (Digital) Handbook. The handbook is mainly intended to be used by non-expert to assist in building Data Wrangling pipelines used to prepare and pre-process the data to an analysis ready format.

The handbook can be accessed @ [Data Wrangling Handbook](#)

Please ensure you have accessed the handbook **before** you click next to start the evaluation survey.

End of Block: Block 0

Start of Block: Intro



Q2.1 Thanks for your time in reviewing the Data Wrangling (DW) Handbook, your expert feedback and evaluation of the handbook is of high importance and would assist this research project. This survey is applying minimum reusability evaluation targeted at evaluating the DW handbook in terms of accessibility, importance, novelty and insightfulness, actability and appropriate guidance, and effectiveness.

Q2.2 Can you please provide your role in relation to Data pipelines and Data Wrangling (DW)

- Data Scientist (20)
 - Data Analyst (21)
 - Data Wrangler (22)
 - Researcher (23)
 - Programmer (24)
 - Other (25) _____
-

Q2.3 Please move the slider to reflect your personal assessment of your:

0 10 20 30 40 50 60 70 80 90 100

Technical Ability ()	
Wrangling Ability ()	

Q2.4 How did you receive an invitation to this survey?

- Reddit (1)
- Twitter (2)
- e-mail (3)
- Other (4) _____

End of Block: Intro

Start of Block: Accessibility



Q3.1 Accessibility Evaluation

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
are easy for me to understand (38)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are easy for me to comprehend (39)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are intelligible to me (40)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Accessibility

Start of Block: Importance



Q4.1 Importance Evaluation

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
address a real problem in building DW pipelines (38)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
address an important - acute or foreseeable - problem in building DW pipelines (39)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Importance

Start of Block: Novelty and insightfulness



Q5.1 Novelty and insightfulness Evaluation

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
convey new ideas to me (38)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are insightful in my own practice (39)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are missing essential patterns (40)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question:

If Novelty and insightfulness Evaluation = are missing essential patterns [Somewhat agree]

Or Novelty and insightfulness Evaluation = are missing essential patterns [Strongly agree]

Q5.6 Can you inform us of what construct patterns you believe weren't included and would make it more complete?

End of Block: Novelty and insightfulness

Start of Block: Actability and appropriate guidance



Q6.1 Actability Evaluation

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
can realistically be used in practice (38)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
can easily be used in practice (39)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Q6.2 Guidance Evaluation

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
provide sufficient guidance for designing DW pipelines (49)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
provide sufficient direction for designing DW pipelines (50)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are not restrictive when designing DW pipelines (51)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
would provide me with sufficient design freedom when designing DW pipelines (52)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question:

*If Guidance Evaluation = provide sufficient guidance for designing DW pipelines [Strongly disagree]
 Or Guidance Evaluation = provide sufficient guidance for designing DW pipelines [Somewhat disagree]
 Or Guidance Evaluation = provide sufficient direction for designing DW pipelines [Strongly disagree]
 Or Guidance Evaluation = provide sufficient direction for designing DW pipelines [Somewhat disagree]*

Q6.3 What do you believe wasn't sufficient in the guidance or direction provided and how do you believe it should be improved?

End of Block: Actability and appropriate guidance

Start of Block: Effectiveness



Q7.1 Effectiveness Evaluation (1)

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
can help non-experts design DW pipelines in practice (49)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
are useful for users designing DW pipelines in practice (50)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
can help development of DW pipeline building solutions in the future (51)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
can help implement automation of building DW pipelines (52)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
can help in DW pipeline optimization (55)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Q7.2 Compared to the current situation, I believe the

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
increase my productivity in building DW pipelines (49)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
enhance my effectiveness in building DW pipelines (50)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
improve the quality of my DW pipelines (51)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
reduce my burdens of developing DW pipelines (52)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
make building my DW pipelines more systematic (55)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
assist in optimization opportunities of my DW pipelines (60)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Effectiveness
