



Improving the usability of Apache Beam

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***Sr. UX Researcher
Cloud – Data Analytics
2016 - Present***



Apache Beam



***BigQuery,
Cloud Dataflow,
Cloud Pub/Sub***

Quick Poll

**It's easy to advance my
knowledge of Apache Beam**

5 - Strongly Agree

4 - Agree

3 - Neutral

2 - Disagree

1 - Strongly Disagree



People can't become experts
because there's a point where
you get stuck. The info out
there is pretty basic.

Advanced Apache Beam User
Jan, 2021



I didn't understand data processing in general, and there is something big missing in my head. I don't have the big picture.

Beginner Apache Beam User
Jan, 2021



Many people are familiar with Spark and how triggers work there. It **took a while to understand** the new concepts in Apache Beam.

Advanced Apache Beam User
Jan, 2021



Have you found everything you were looking for?

Was it all useful and clear? Is there anything that you would like to change? Let us know!

[SEND FEEDBACK](#)

The documentation is bad.

User Feedback
May, 2021



Actionable feedback

How to ensure your feedback has impact



Goal

What you were doing, or attempting to do.



Expectations

What you expected to happen, or would have preferred to happen.



Severity

Whether you were able to replicate the issue, or if it happened more than once.



Details

Anything else you think might be relevant—you never know!

Note: Don't include personally identifiable information (PII) such as account numbers, login names, or passwords in your feedback.



“You, like these children, care about accomplishing your goals, not about features”

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