Architecture

https://docs.microsoft.com/en-us/azure/architecture/data-guide/big-data/

You probably do need big data architecture if any of the following applies to you:

1. You want to extract information from extensive networking or web logs.
2. You process massive datasets over 100GB in size. Some of these computing tasks run 8 hours or longer.
3. You are willing to invest in a big data project, including third-party products to optimize your environment.
4. You store large amounts of unstructured data that you need to summarize or transform into a structured format for better analytics.
5. You have multiple large data sources to analyze, including structured and unstructured.
6. You want to proactively analyze big data for business needs, such as analyzing store sales by season and advertising, applying sentiment analysis to social media posts, or investigating email for suspicious communication patterns – or all the above.

From <https://www.datamation.com/big-data/big-data-architecture.html>

https://www.edureka.co/blog/interview-questions/top-apache-spark-interview-questions-2016/

https://www.datamation.com/big-data/big-data-architecture.html

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