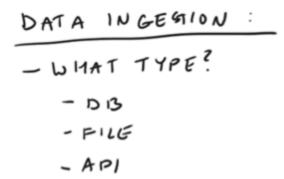# DP-203: 15 - Questions to ask about new data source

1. What type of source type? Like DB, or SQL Server, Oracle Server, source types may be files(CSV's,delta etc)..or files can also be from cloud

2. It can also be an API
3. Next is..where the data is stored? Whether cloud or OnPerm..then we choose the required integration runtime
4. Next is Pull or Push Approach? Pull means we connect to source and retrieve the data by querying ..so its on is to connect and grab the data
5. In Push approach the data is pushed to us…

> In the push approach to data ingestion, the data source proactively sends its data to the target system, rather than the target system pulling it. Imagine it like a delivery person bringing you a package instead of you going to the store to pick it up yourself.
>
> • **File transfer protocols:** The web server periodically creates a file containing the latest data and transfers it to the target system.

6. Next we have to ask whether streaming or batch processing?
7. Next whats should be schedule of the ingestion? We have schedule it on nights so that engineer can work easily without any interruptions

8. Next is to know whether the source is under development?

- CLOUD OR ON-PREM? —> IR CHOICE
- PULL OR PUSH APPROACH?
- STREAMING OR BATCH?
- INGEST SCHEDULE?
    - NOT DISRUPT
- IS THE SOURCE UNDER DEVELOPMENT?
    - API CHANGES?

9. Next is how to connect to this source?
10.