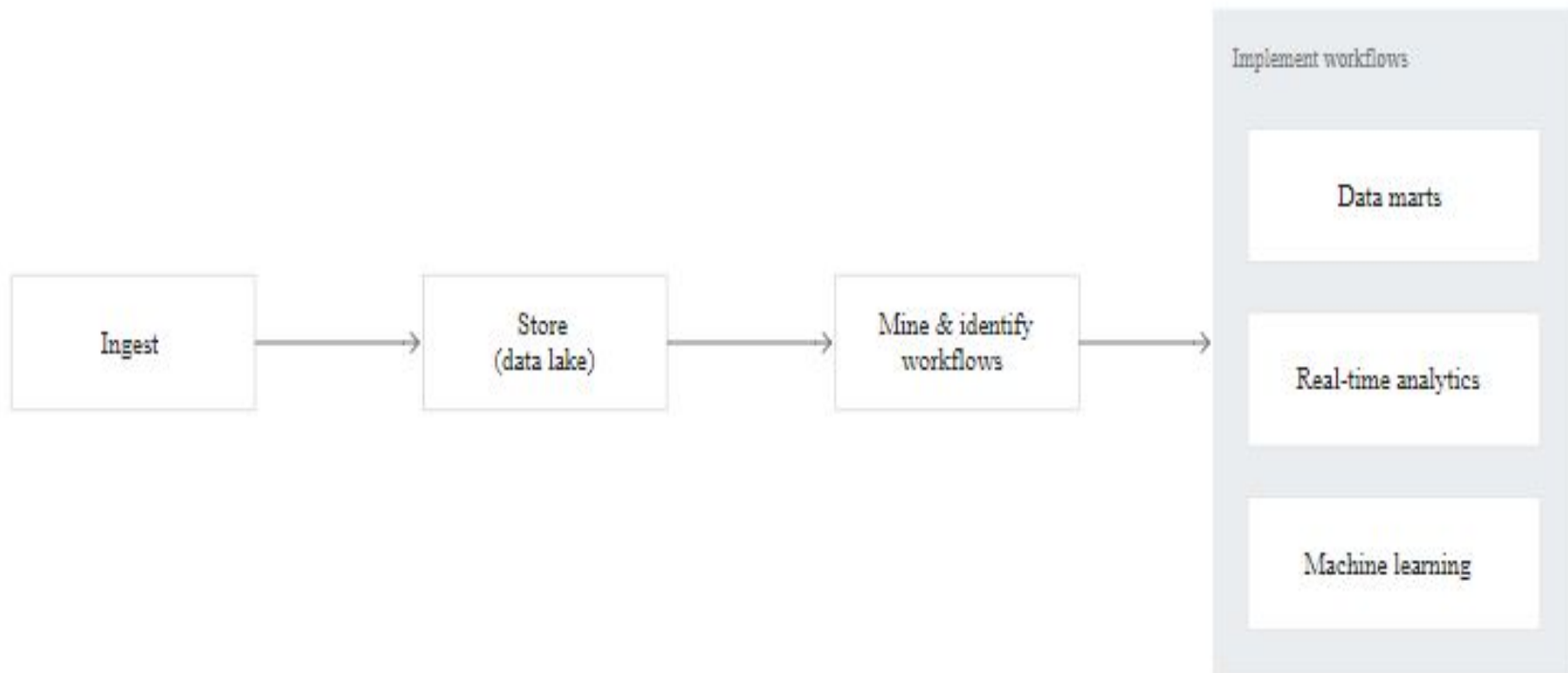
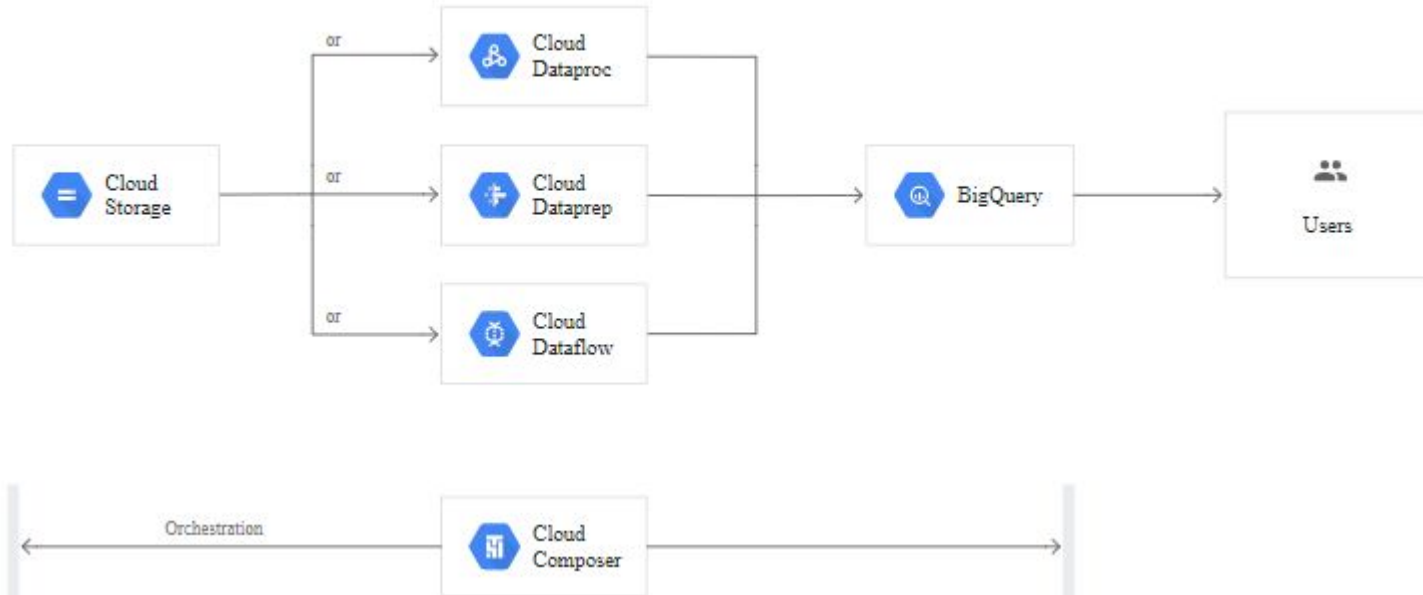


# Data Processing Workflows

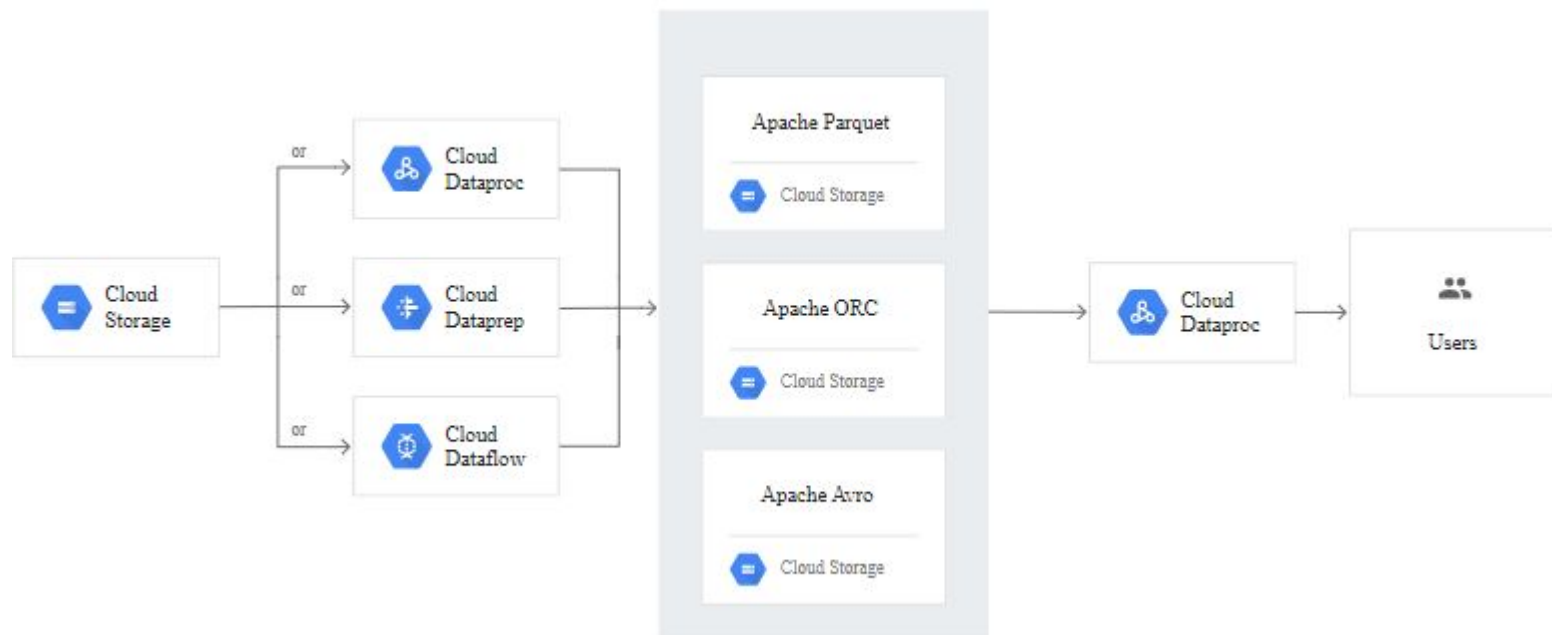
## Building Data Lake on GCP



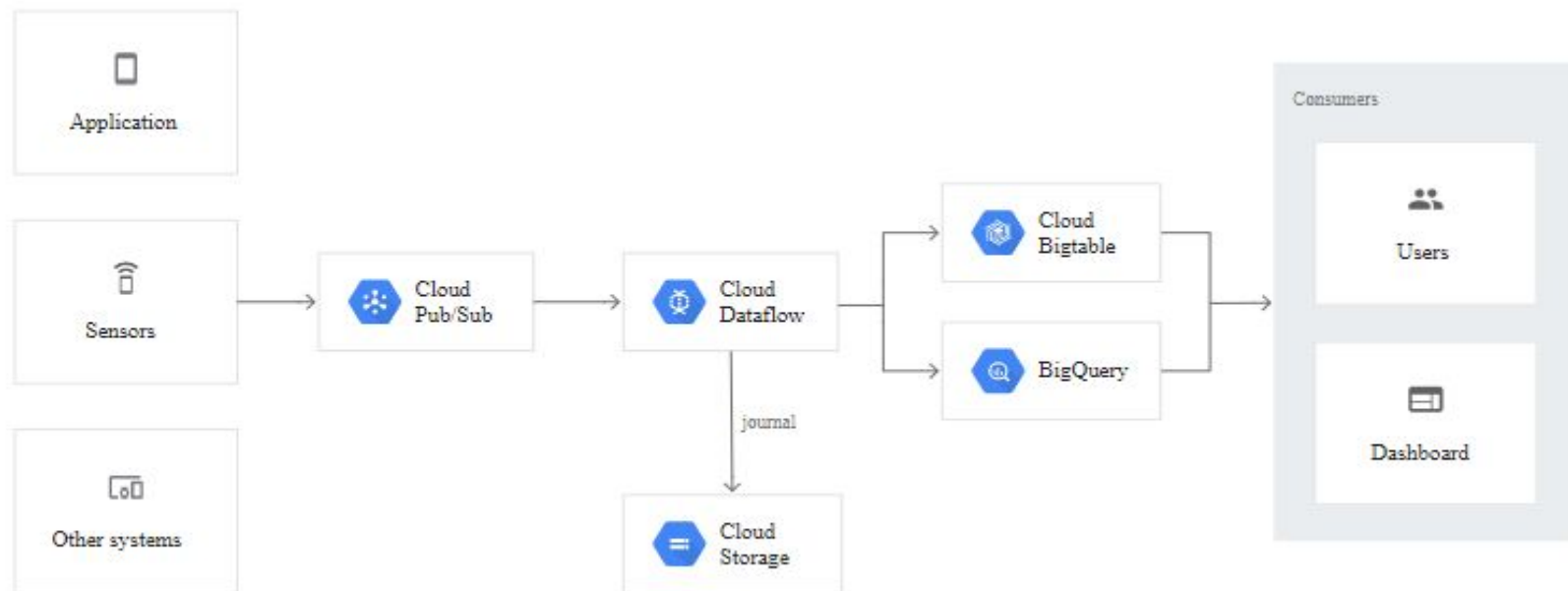
# Transformation of raw data and load into BigQuery



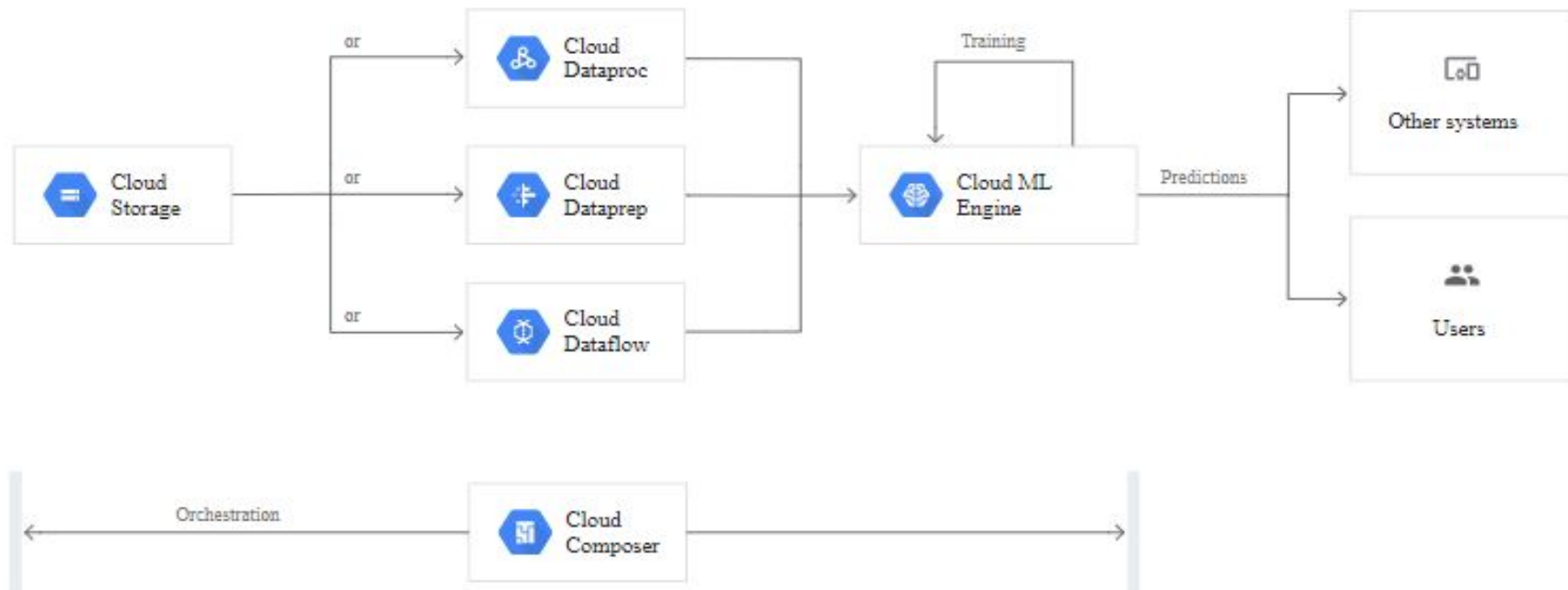
# Batch Analytics



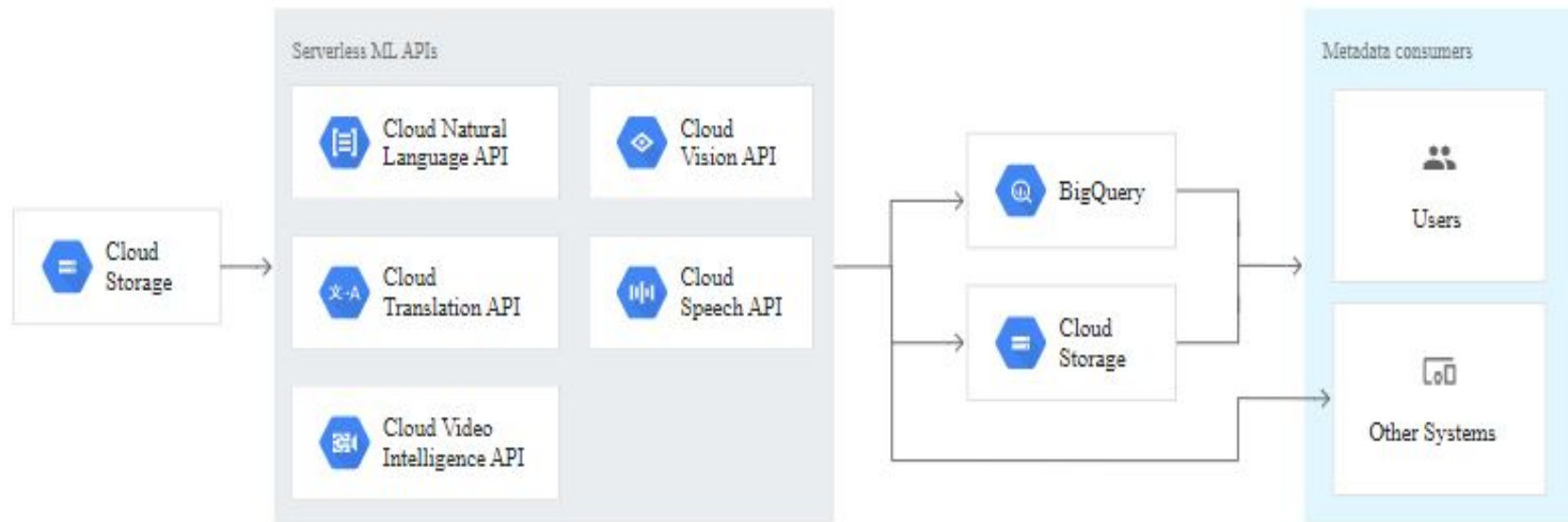
# Realtime Analytics



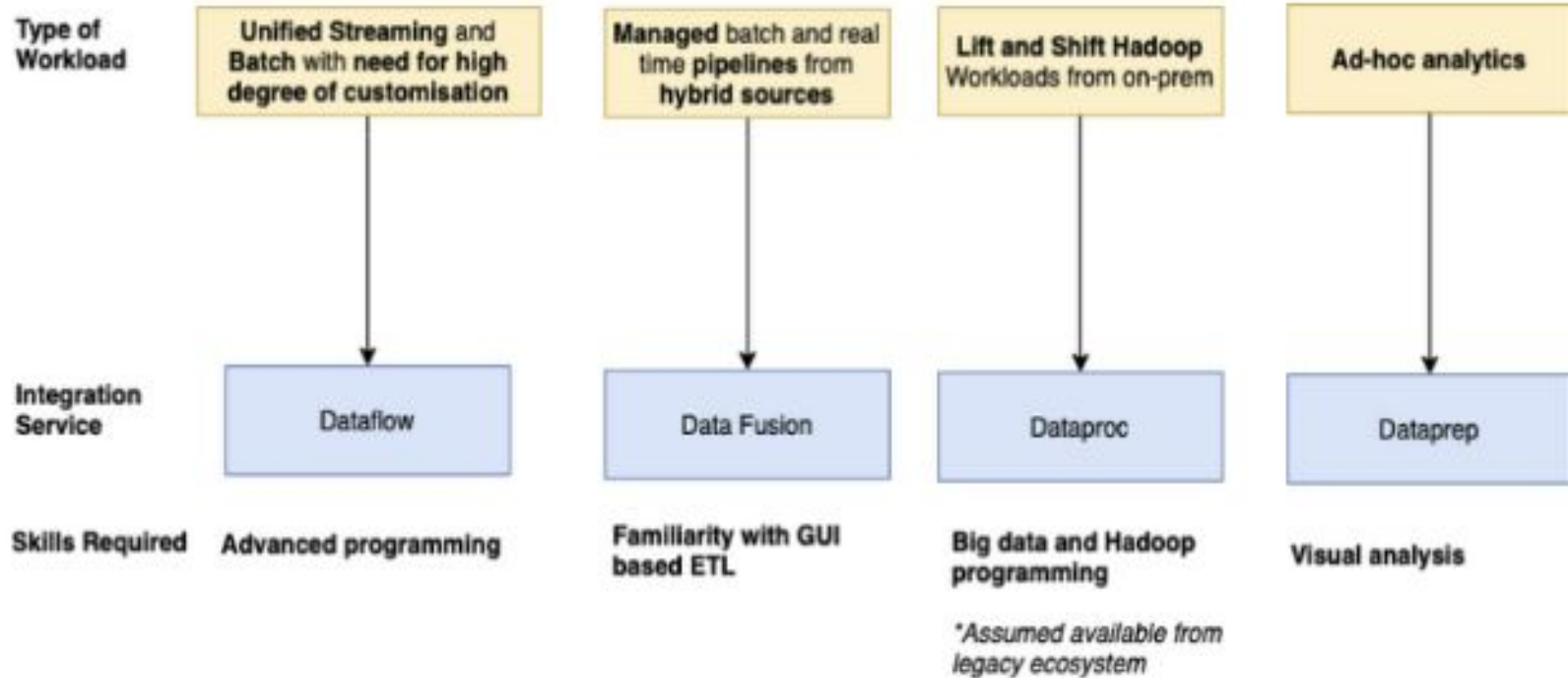
# Machine Learning



# Serverless ML

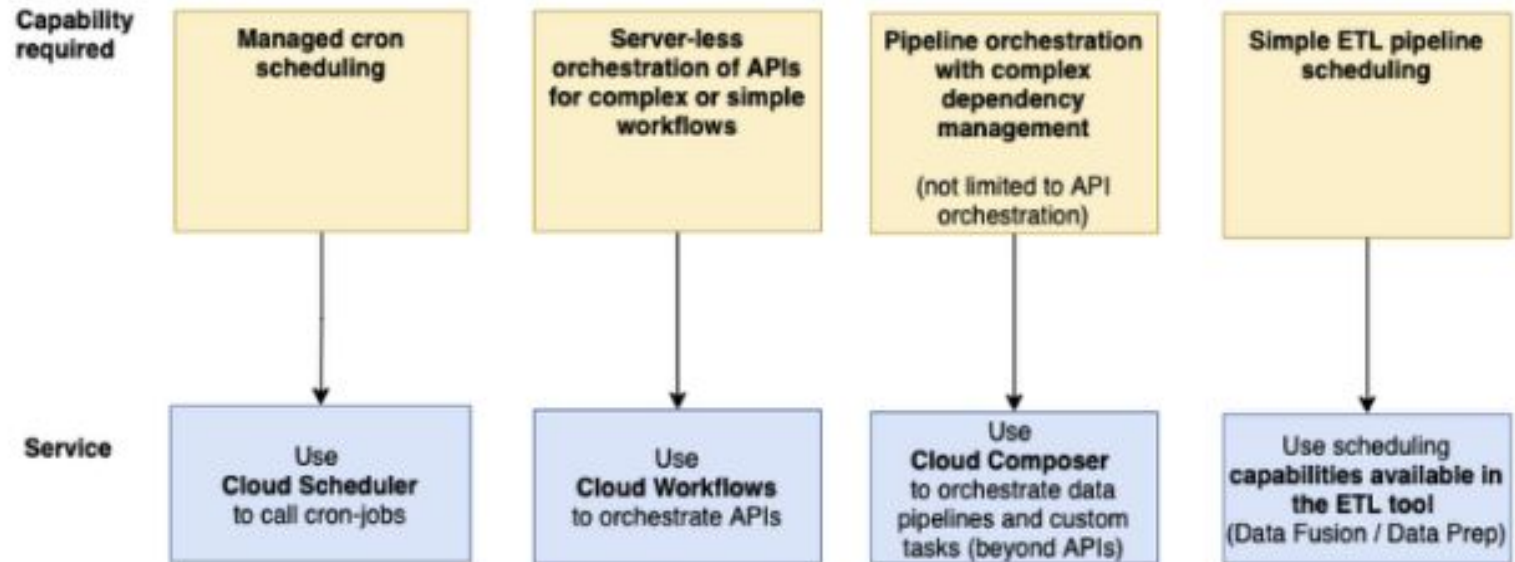


# Tool Selection - Data Integration





# Orchestration Services



# References

<https://cloud.google.com/learn/what-is-a-data-lake>

<https://cloud.google.com/architecture/build-a-data-lake-on-gcp>

<https://cloud.google.com/blog/topics/developers-practitioners/framework-building-configuration-driven-data-lake-using-data-fusion-and-composer>

<https://cloud.google.com/blog/topics/developers-practitioners/framework-building-configuration-driven-data-lake-using-data-fusion-and-composer>

<https://cloud.google.com/blog/topics/developers-practitioners/architect-your-data-lake-google-cloud-data-fusion-and-composer>

<https://medium.com/google-cloud/designing-a-data-lake-on-gcp-with-data-fusion-and-composer-e2ea0a753525>

[https://services.google.com/fh/files/misc/googlecloud\\_unified\\_analytics\\_data\\_platform\\_paper\\_2021.pdf](https://services.google.com/fh/files/misc/googlecloud_unified_analytics_data_platform_paper_2021.pdf)

<https://cloud.google.com/blog/products/data-analytics/how-cloud-batch-and-stream-data-processing-works>