



Cloud Composer

#GCPsketchnote

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We have multiple data pipelines that need to run periodically.

ERIN

Yes, we need a way to orchestrate these pipelines.

Managing them smoothly is a nightmare!

SAM



What is Cloud Composer?

FULLY MANAGE APACHE AIRFLOW

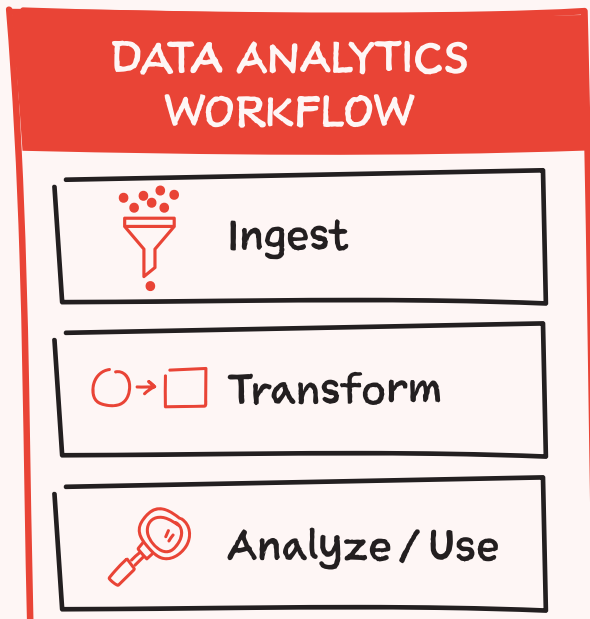
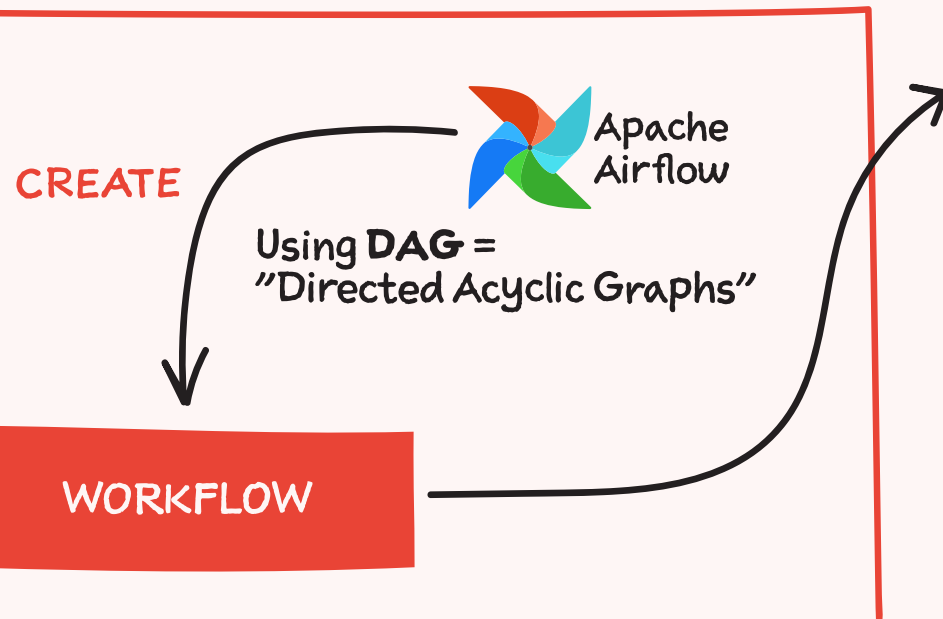


WORKFLOW ORCHESTRATION SERVICE

What is Apache Airflow?

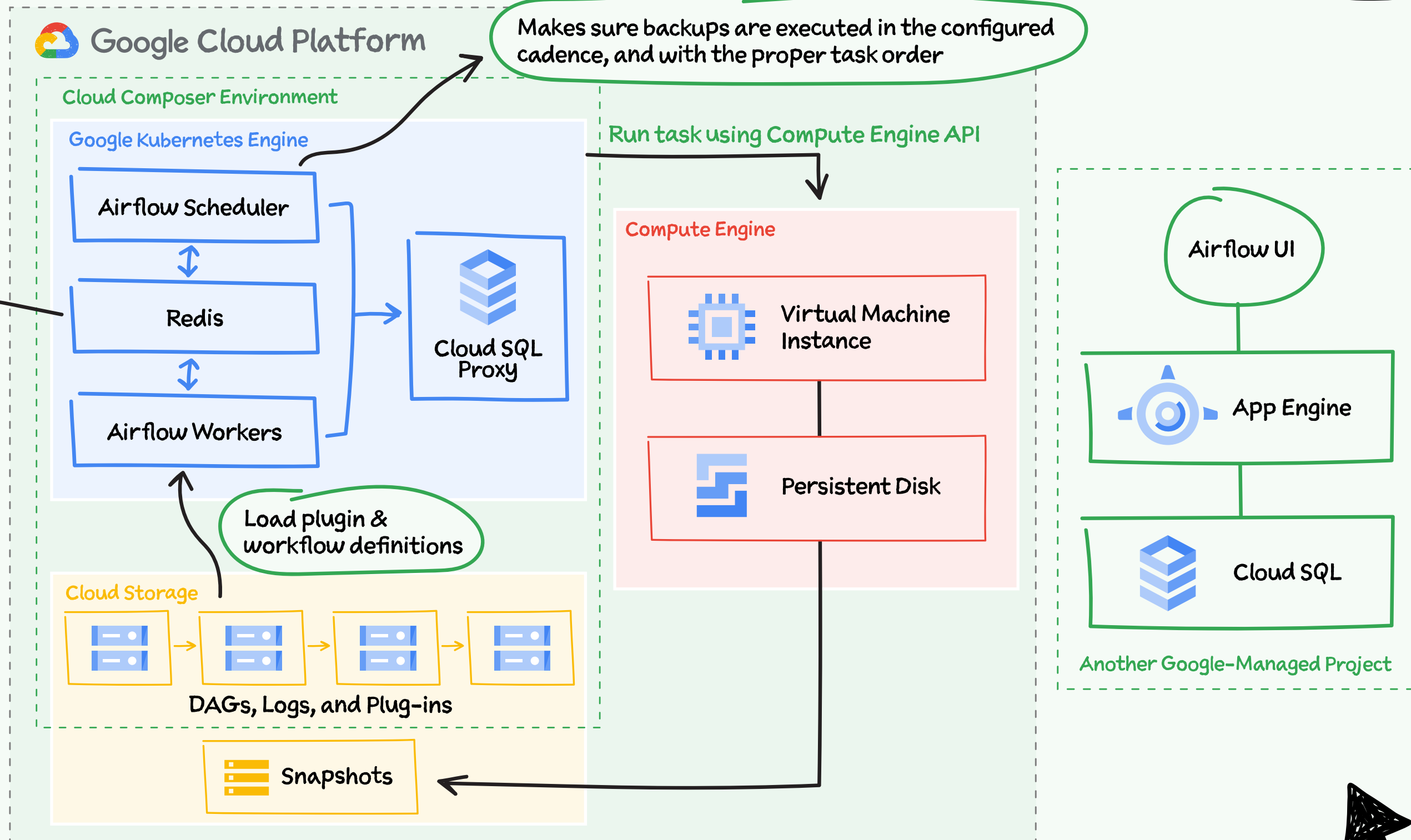
supports hybrid & multi-cloud

Open Source platform to orchestrate data pipelines programmatically Python



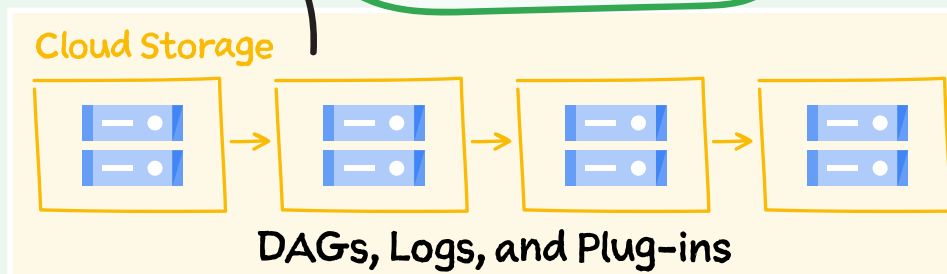
How do I run workflows in Composer?

It creates an environment in GKE automatically. Check it out...



Message broker

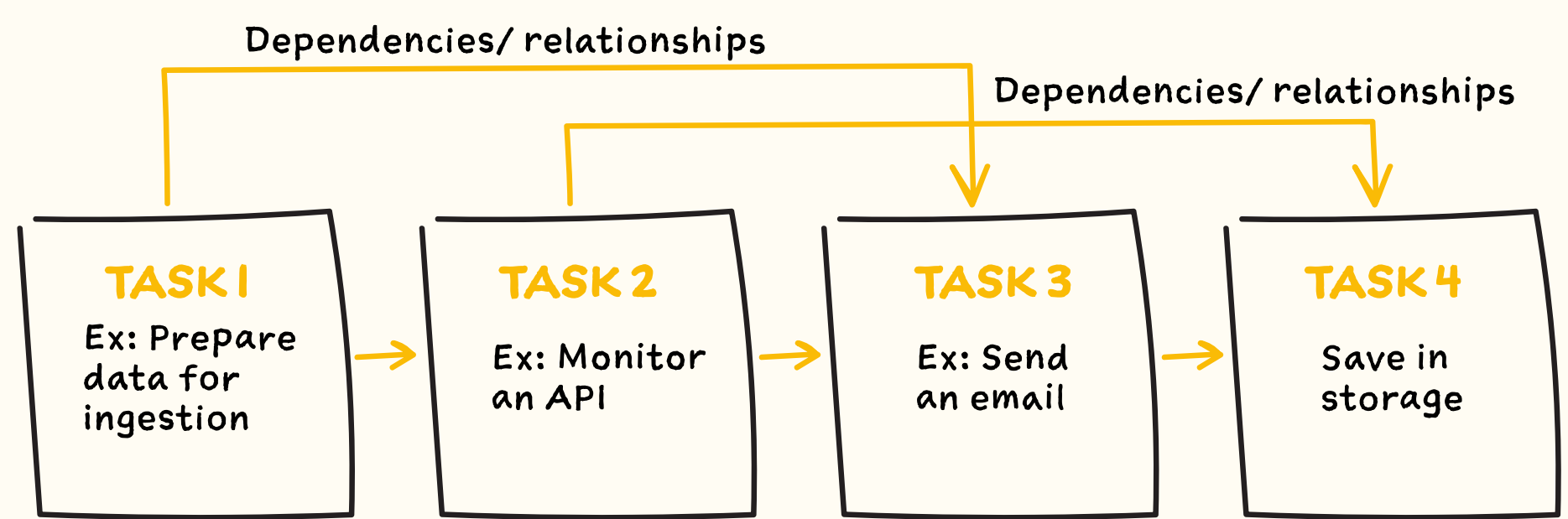
Load plugin & workflow definitions



Snapshots

What is DAG?

DAG = Collection of tasks



PURPOSE OF DAG?

- Executed:
 - ✓ at the right time
 - ✓ in the right order
 - ✓ with the right issue handling