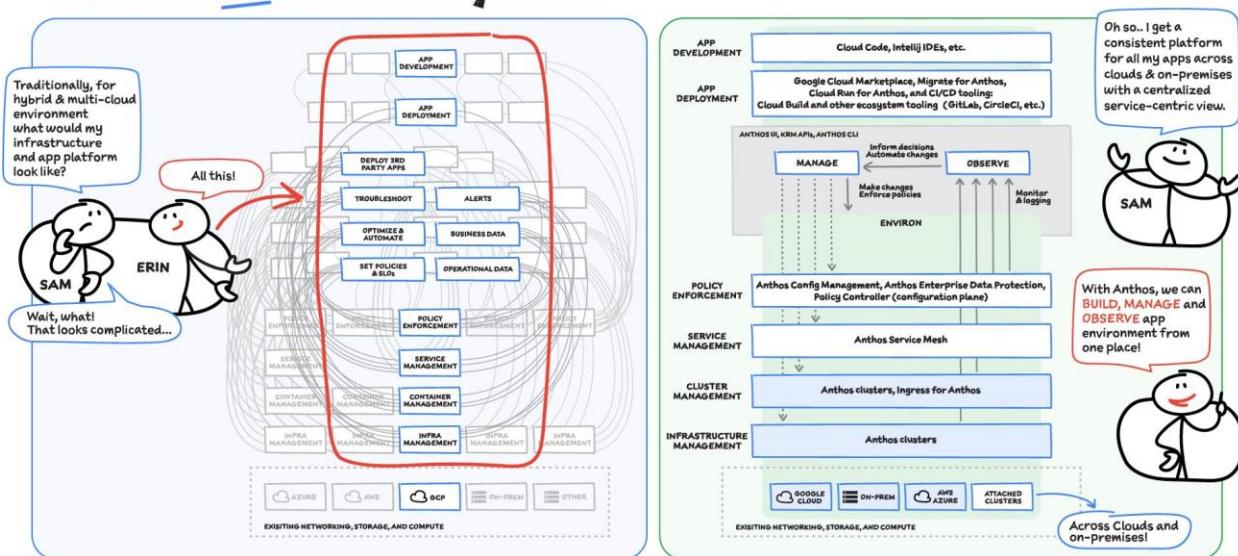
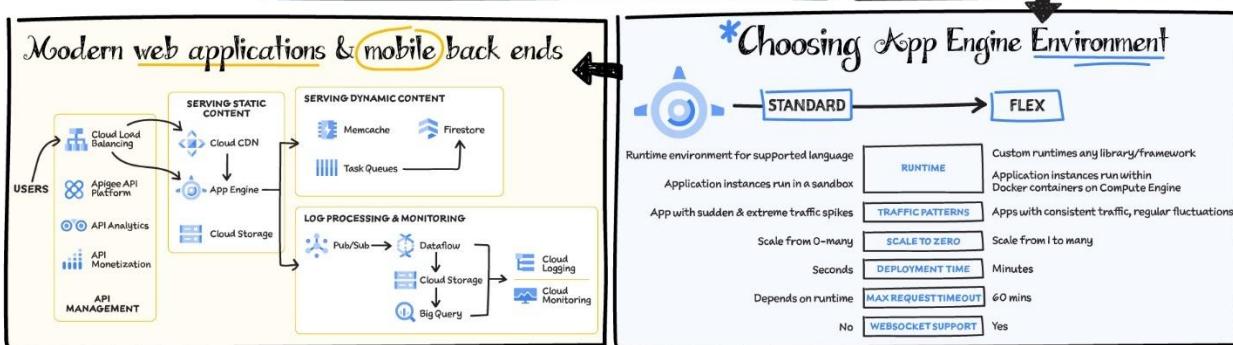
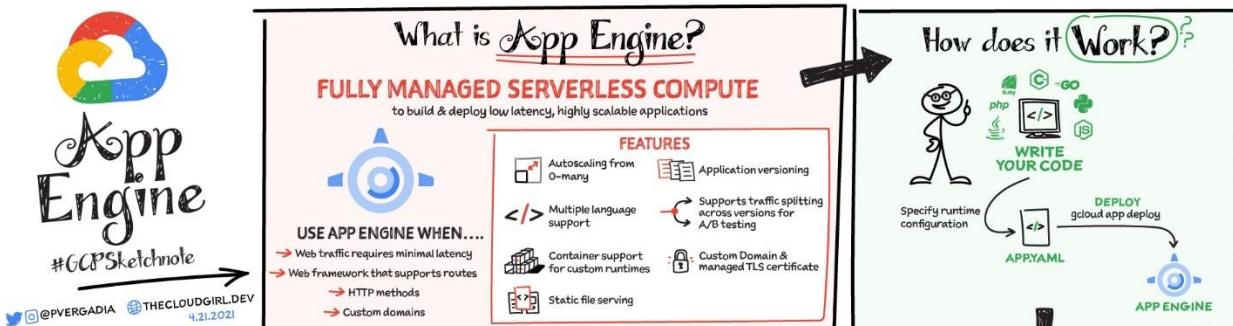
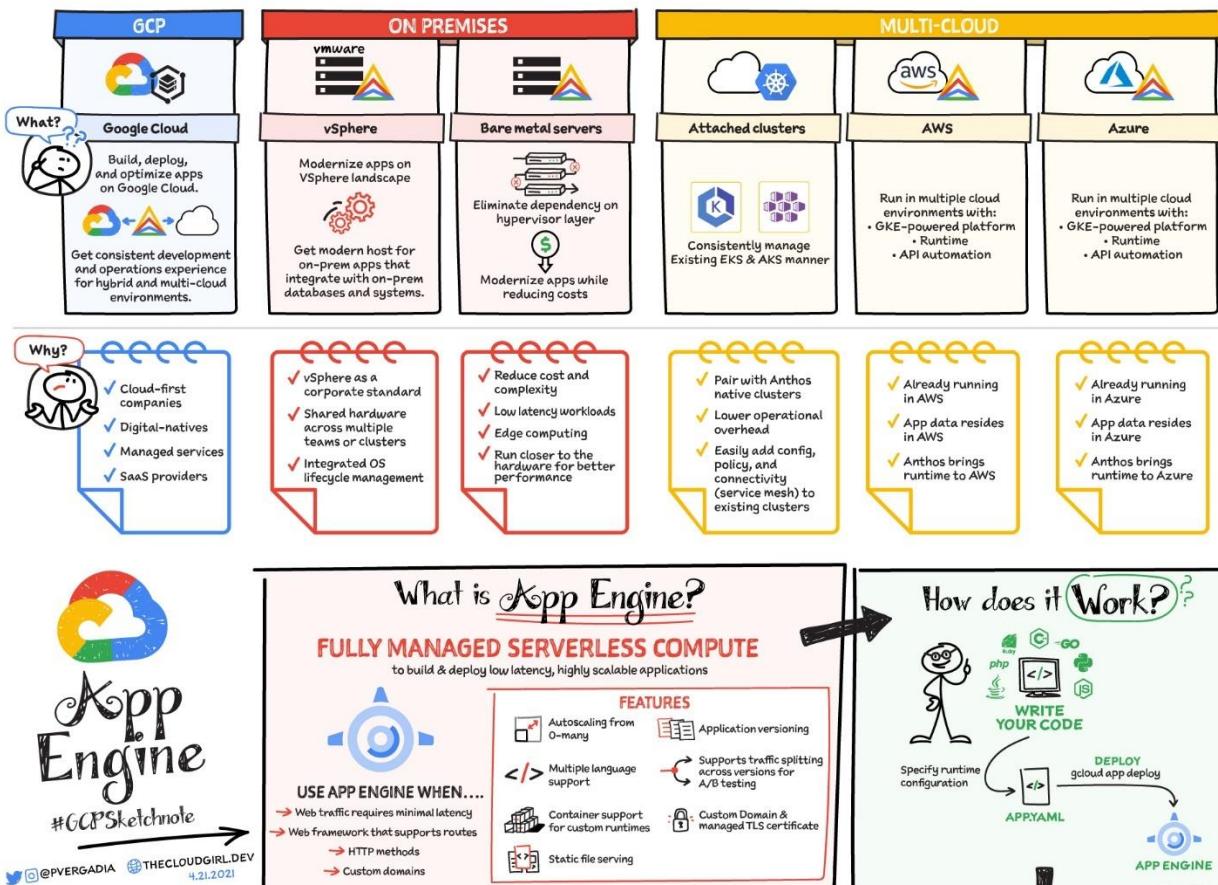


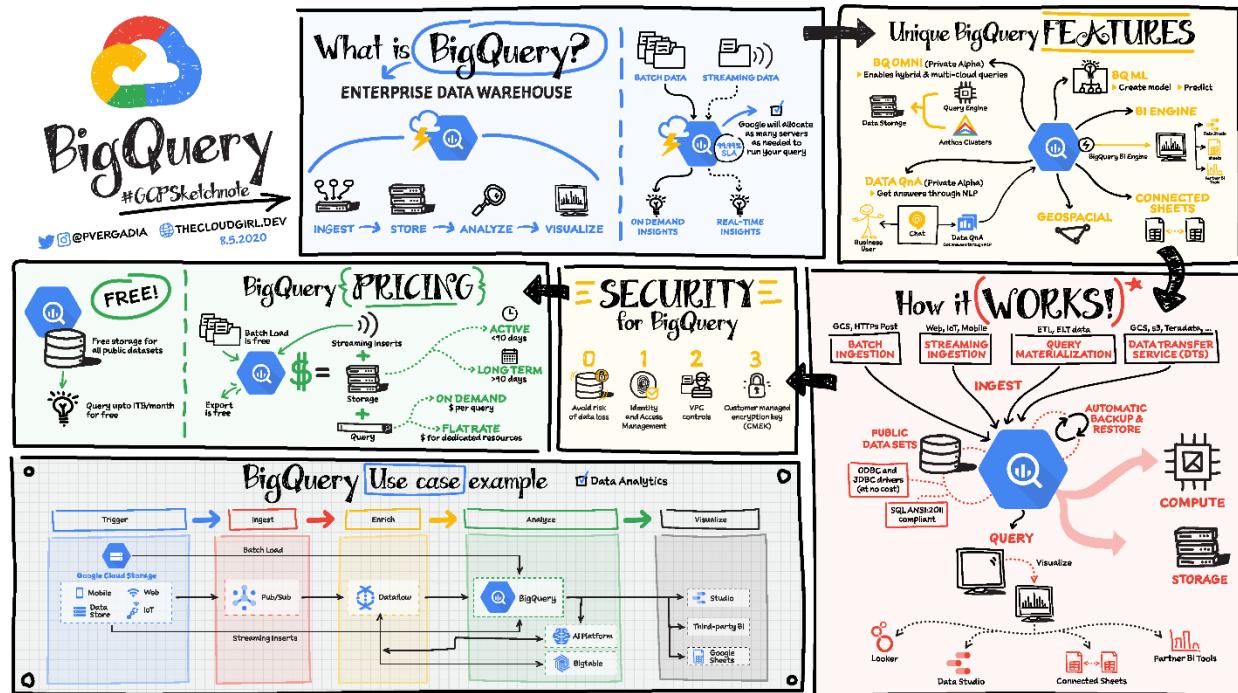
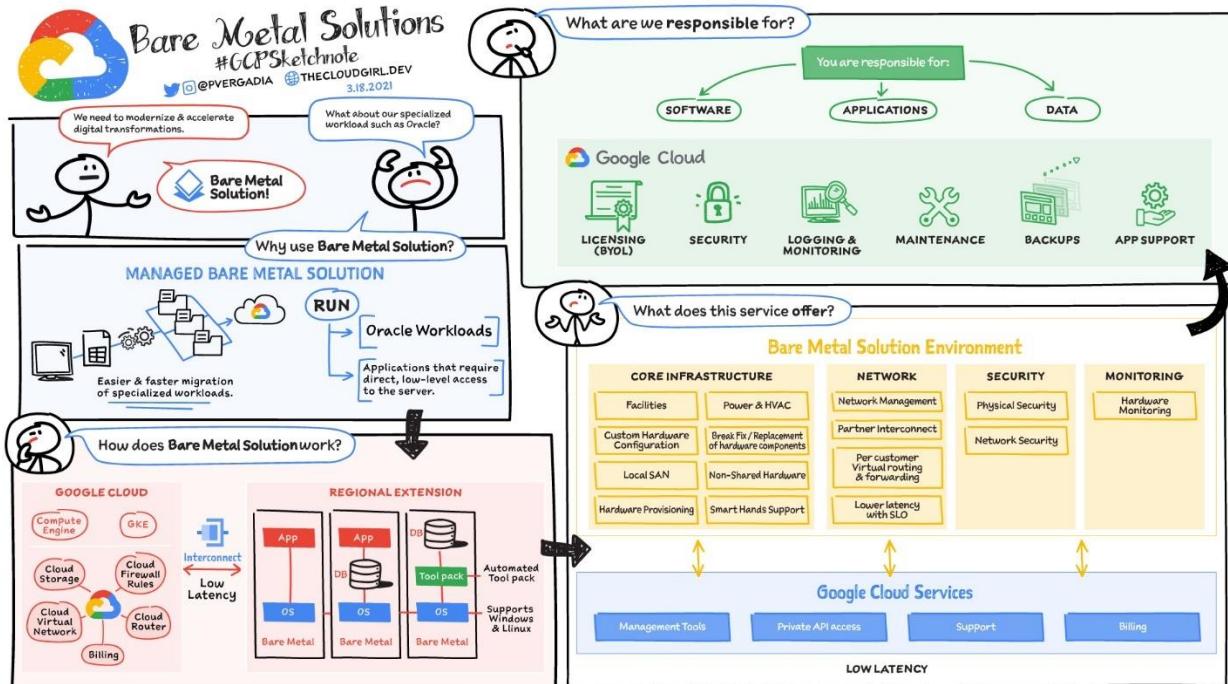
How does Anthos help you focus on what matters in a hybrid and multi-cloud world?

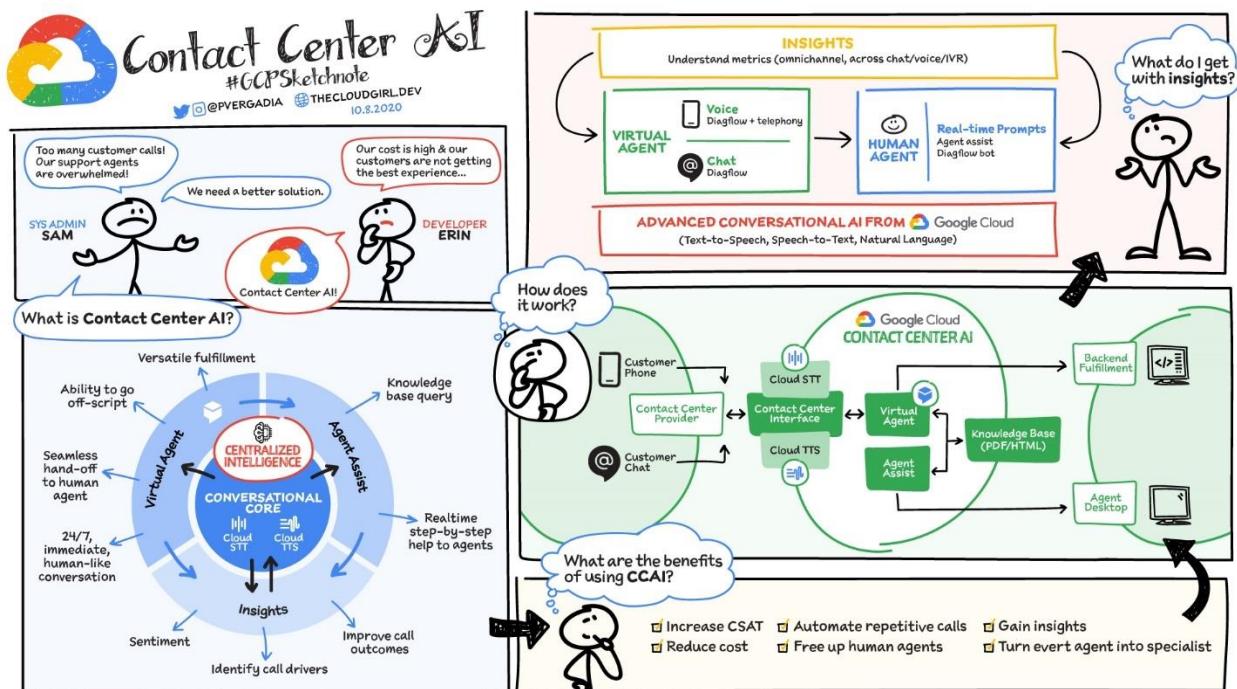
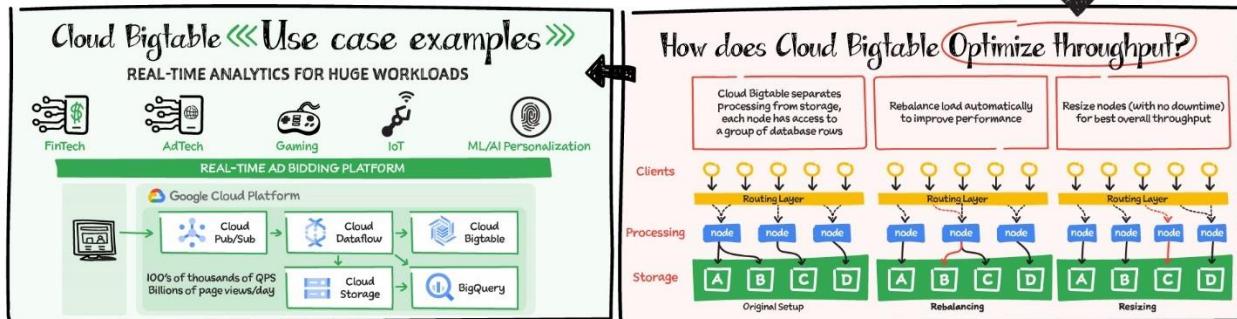
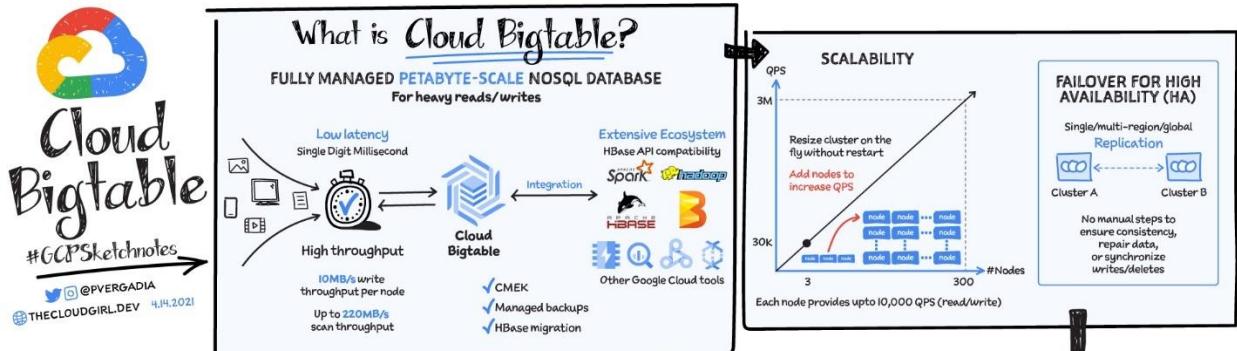


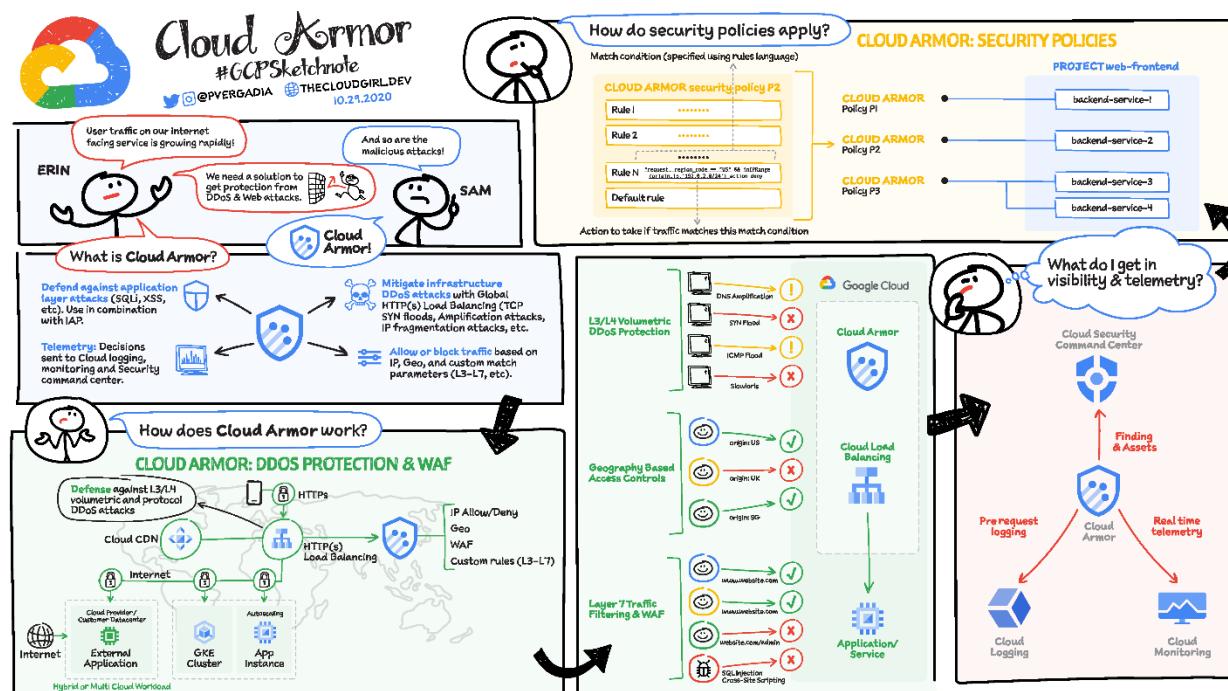
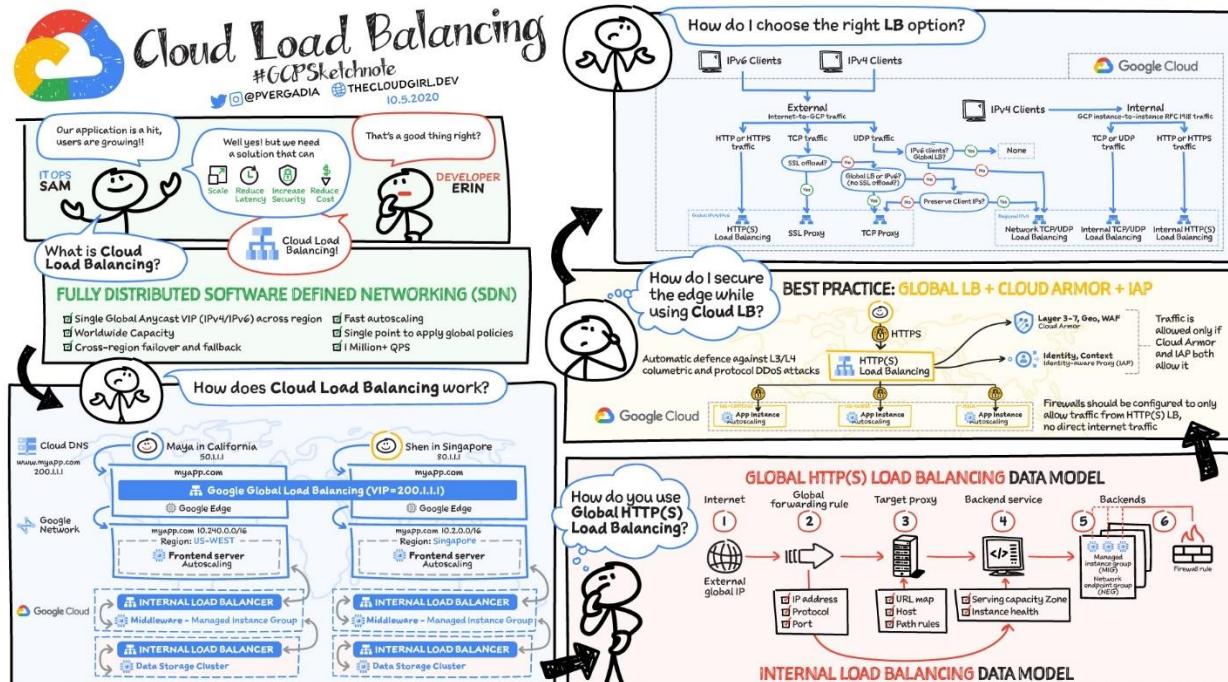
#GCPsketchnote
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01.2.2021

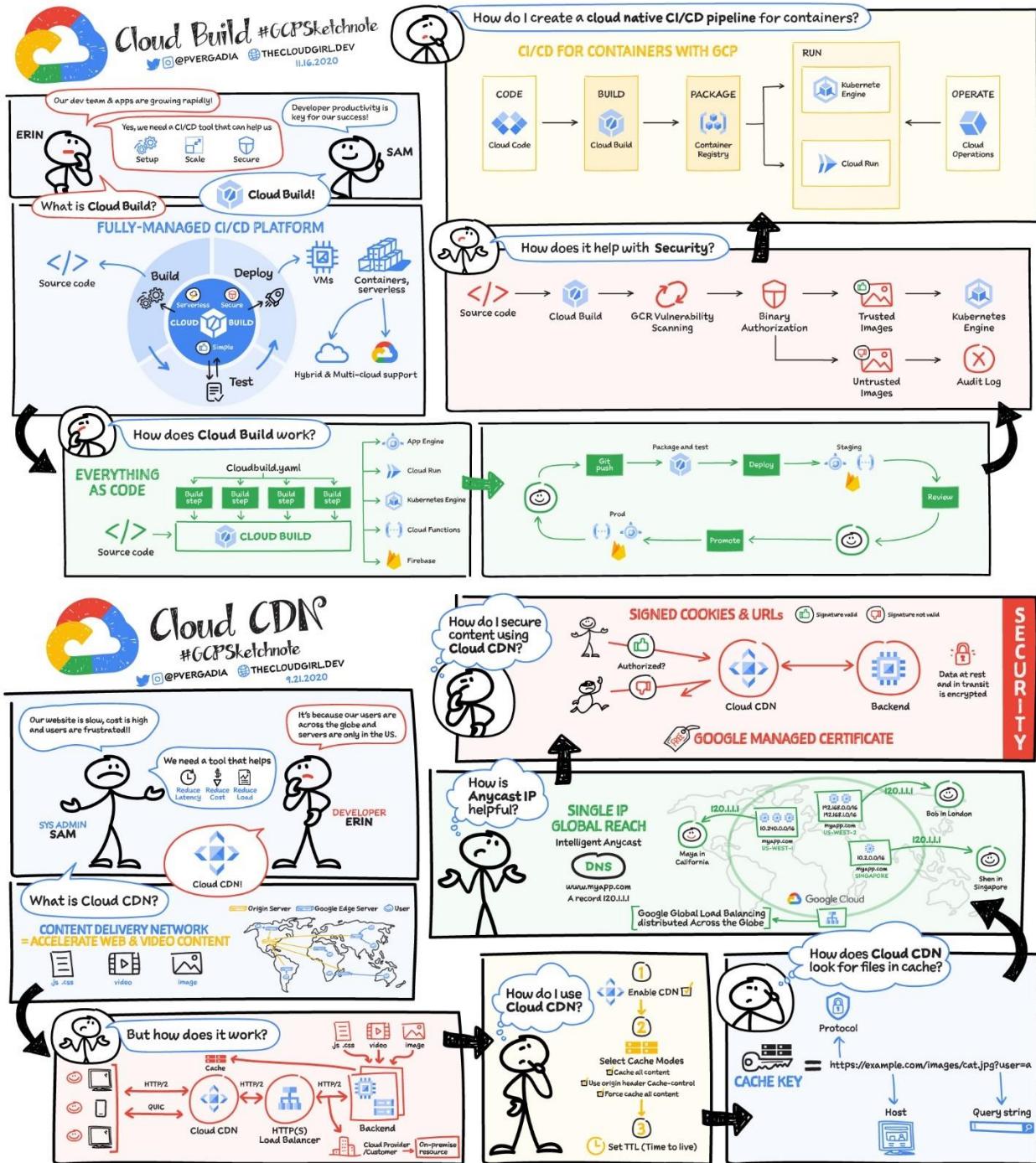
Hybrid and Multi-cloud deployment options with Anthos

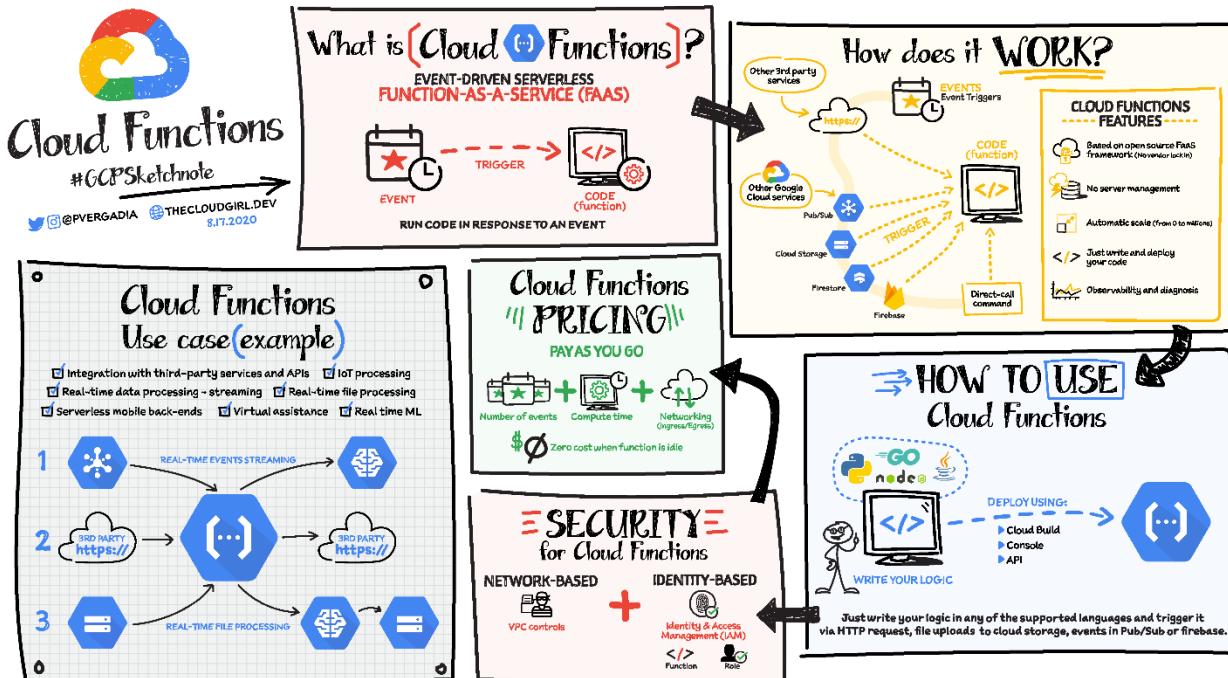
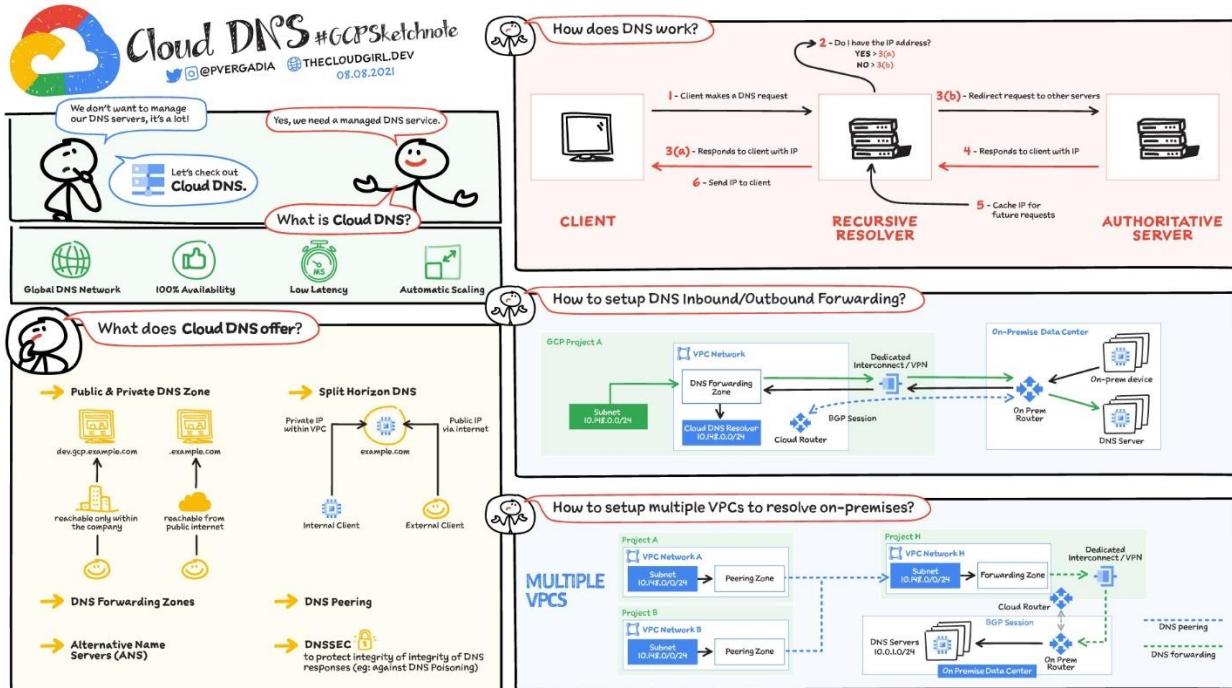


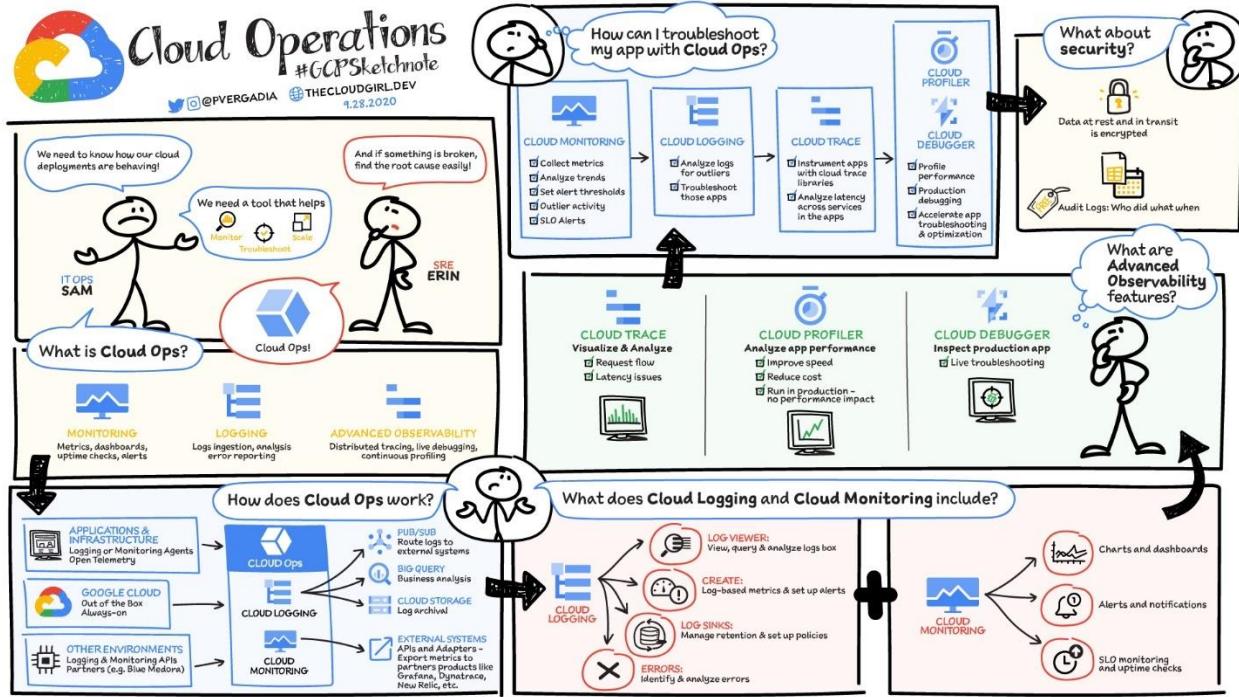
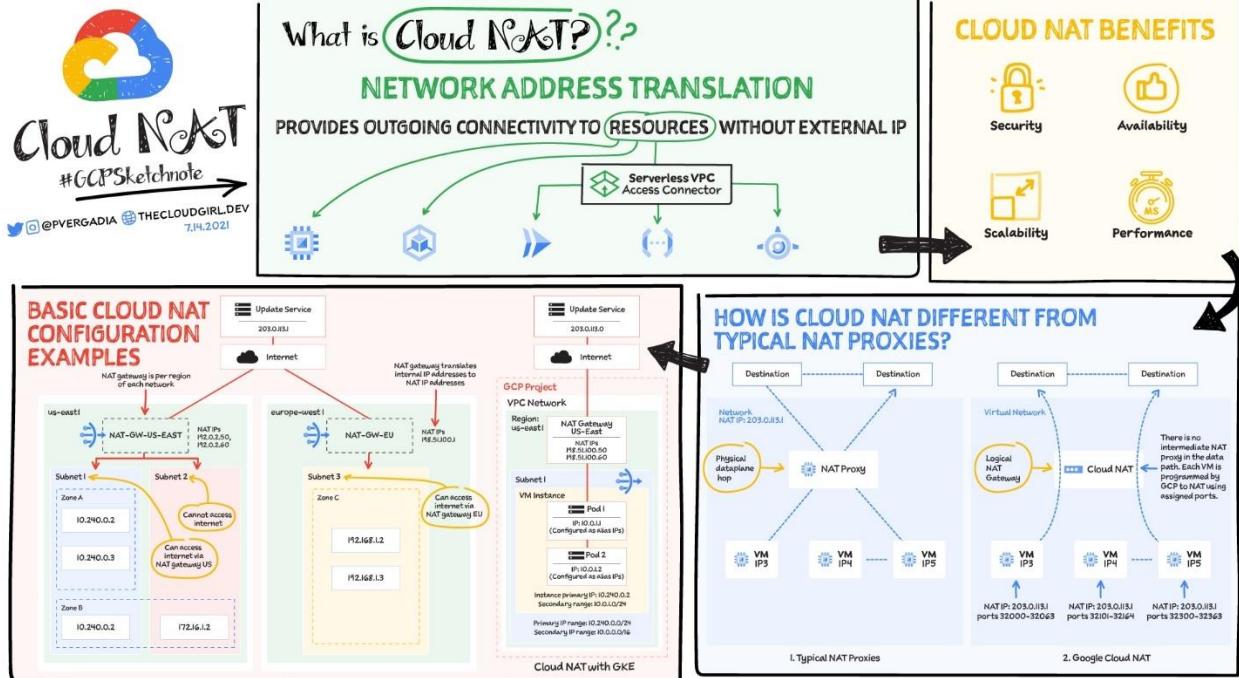


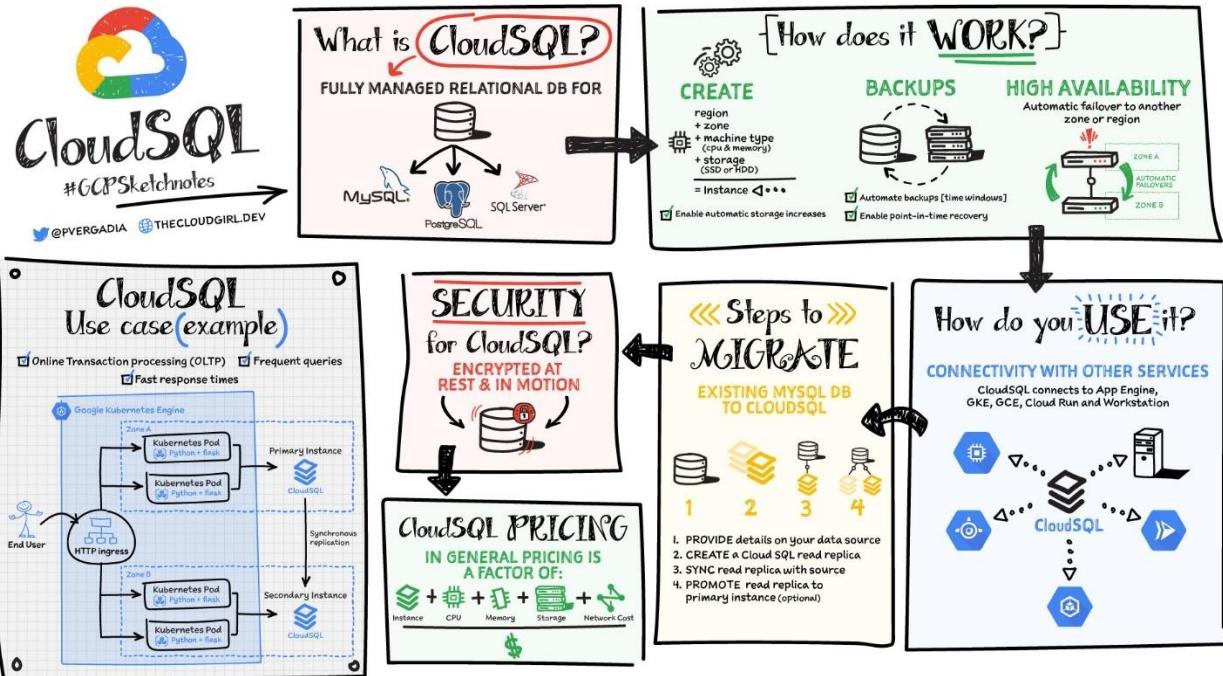
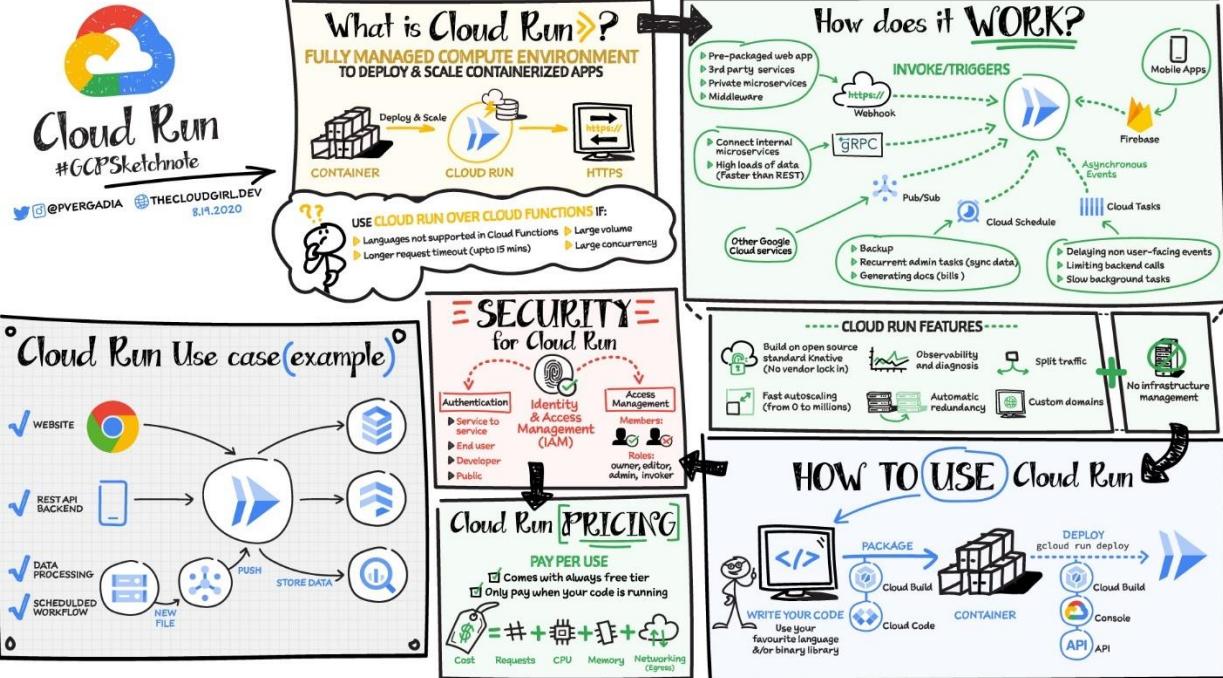


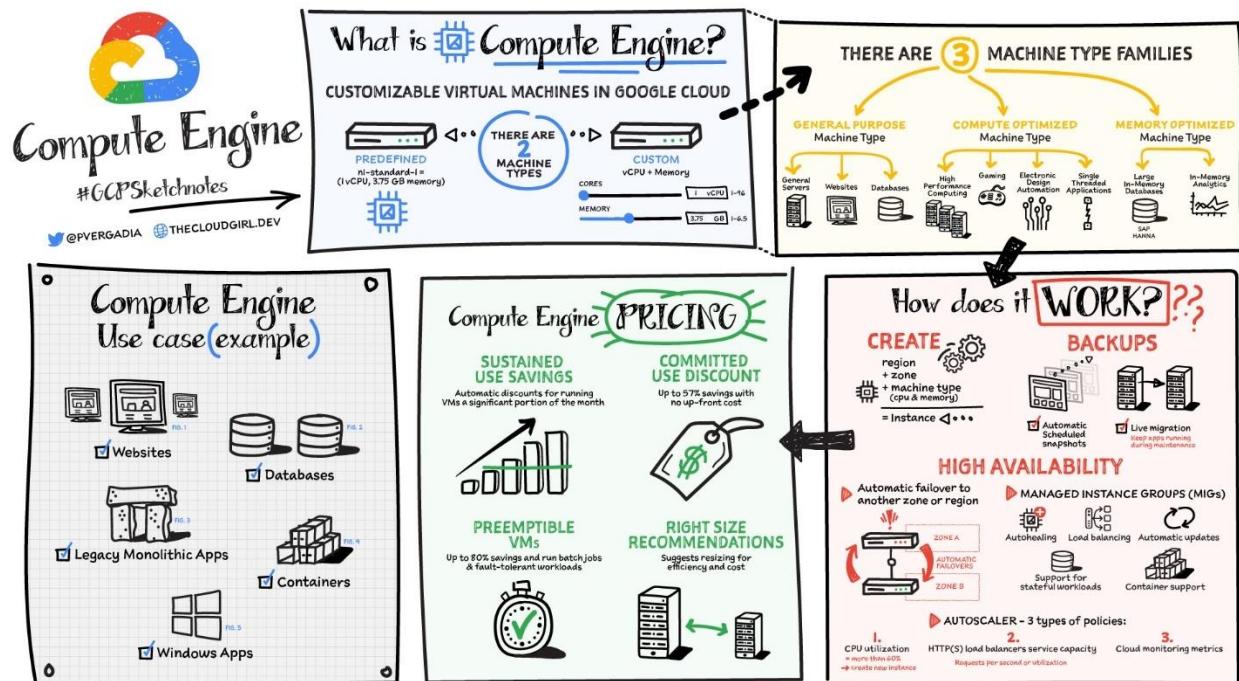
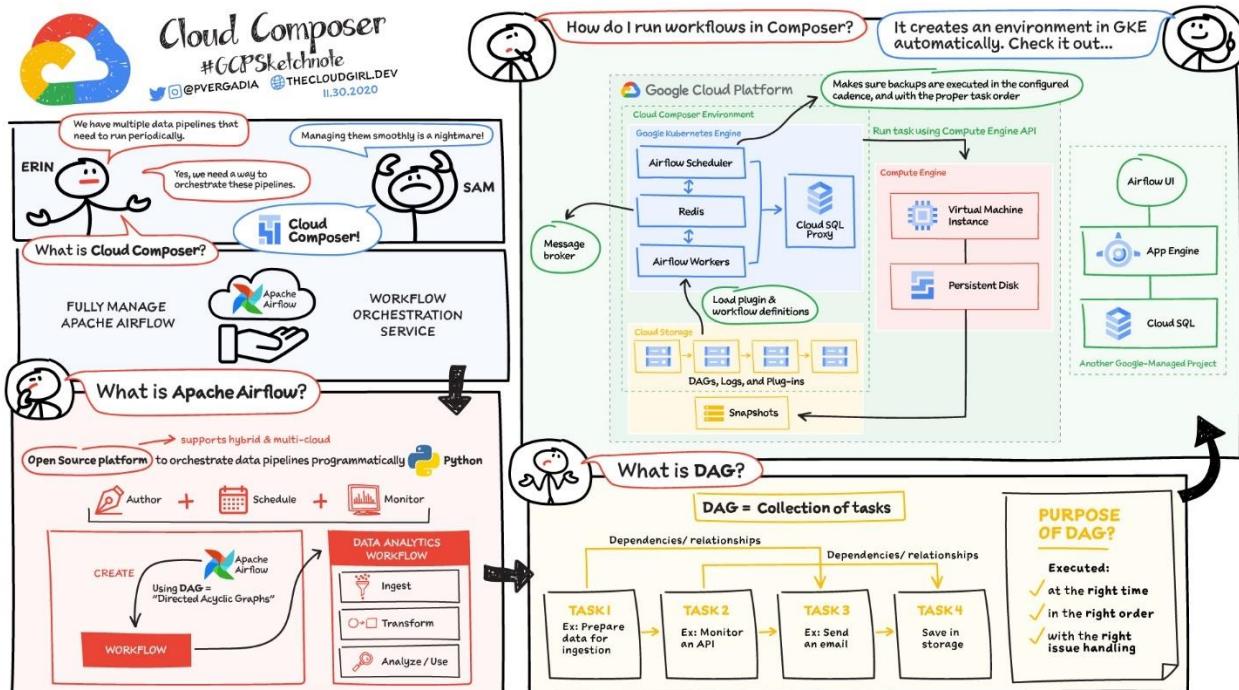


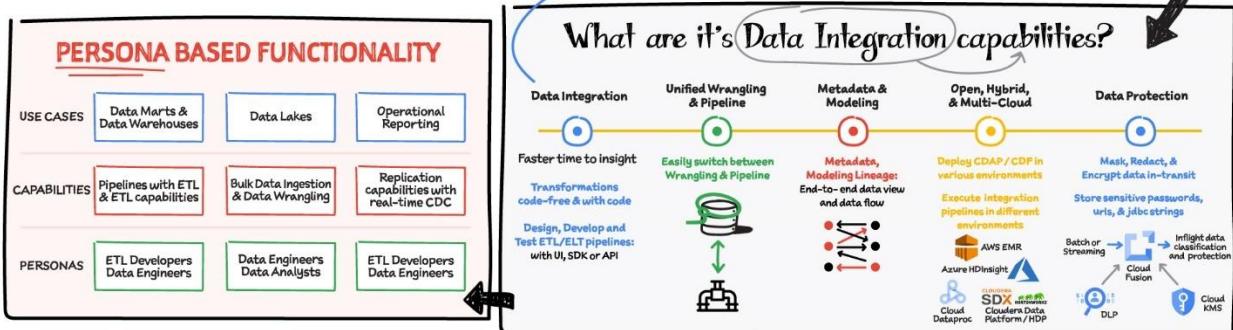
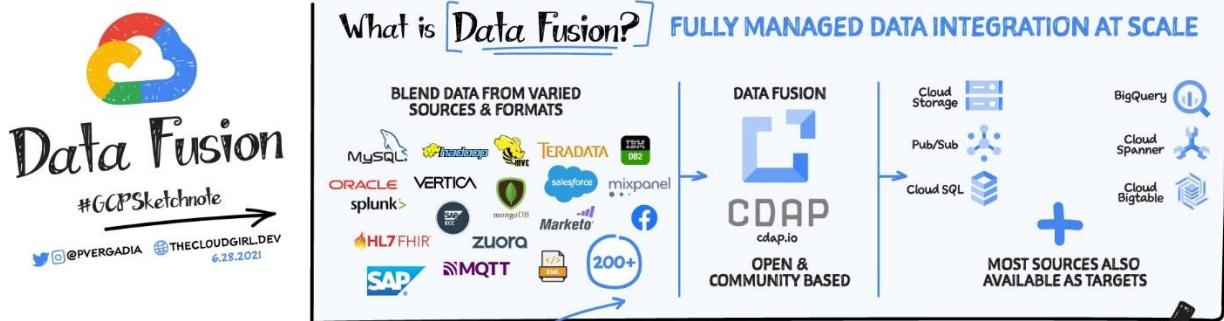
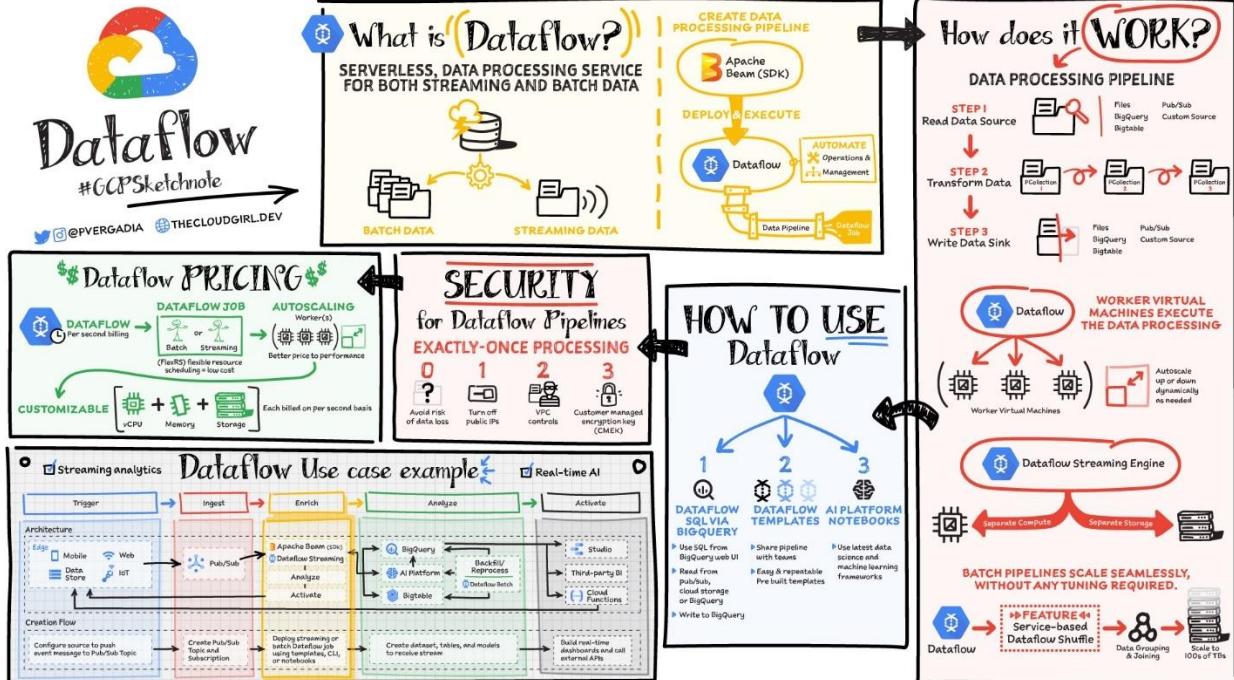


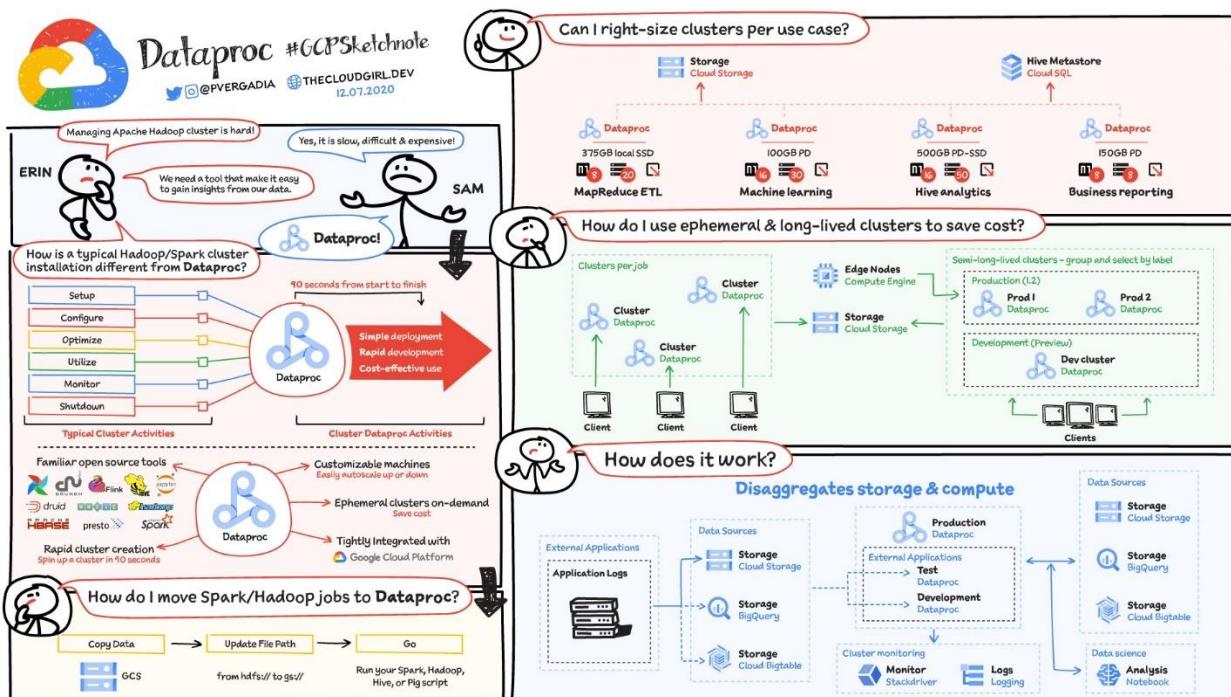
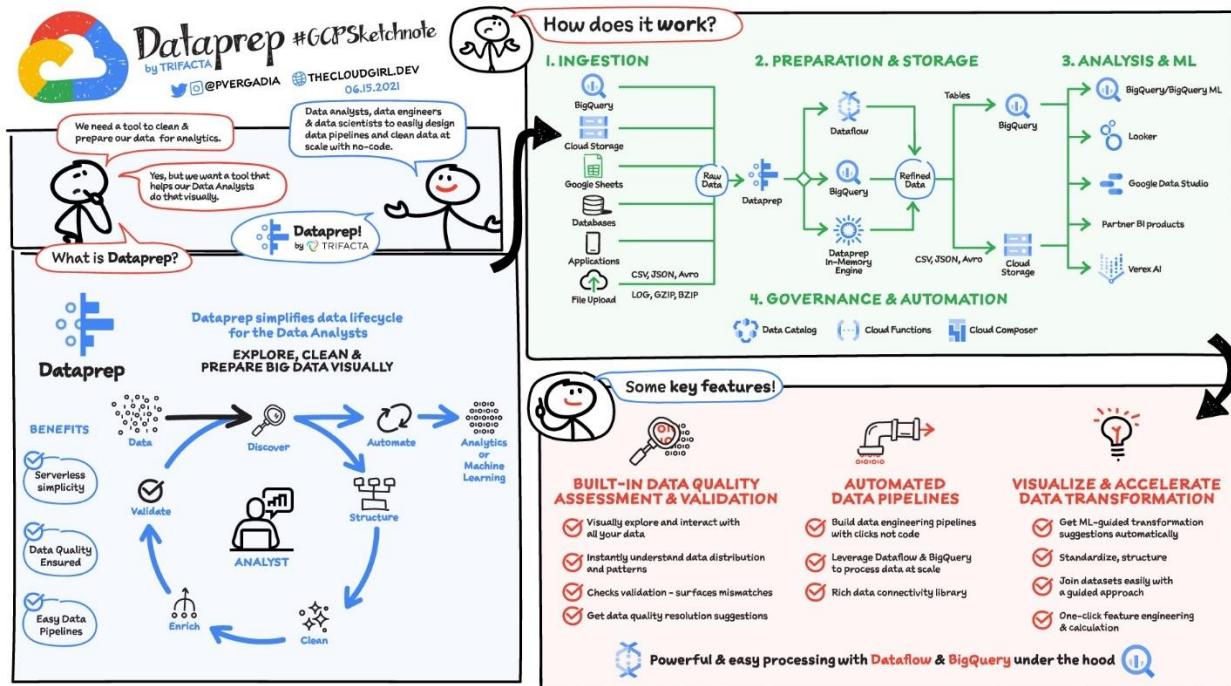




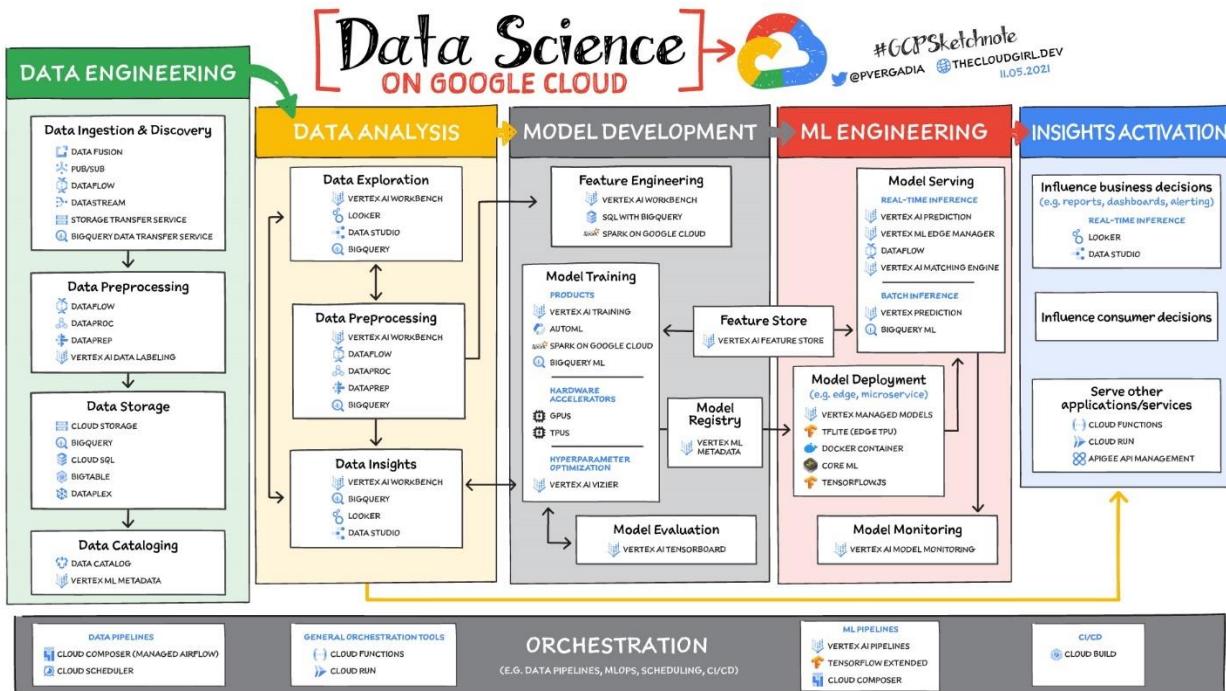
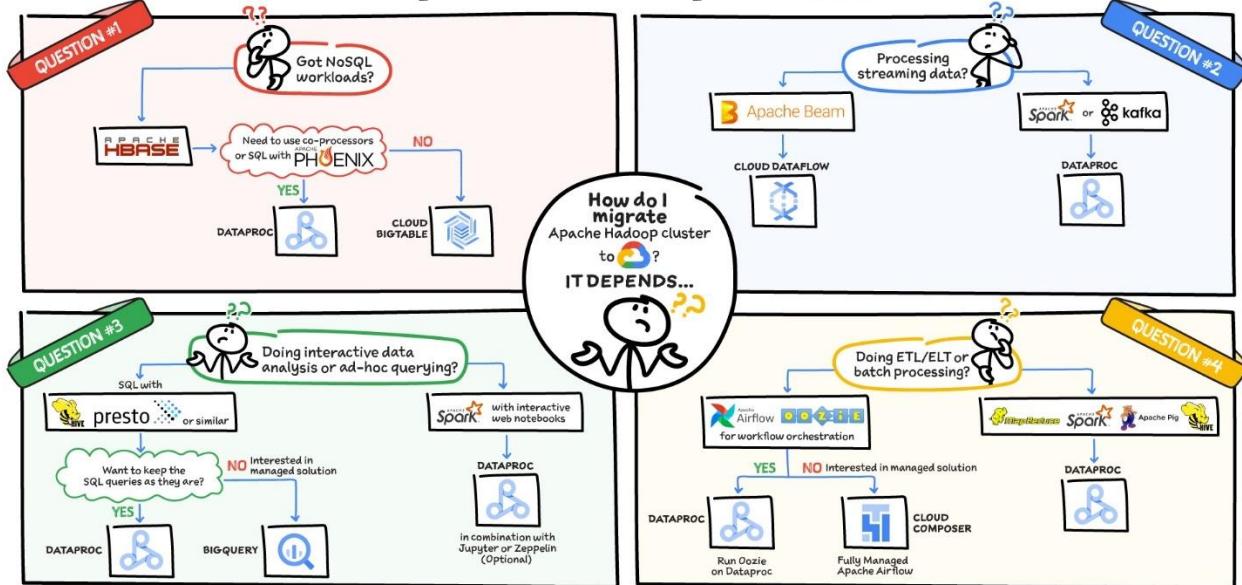








DECISION TREE → Apache Hadoop to [Cloud]





Datastream #GCPsketchnote

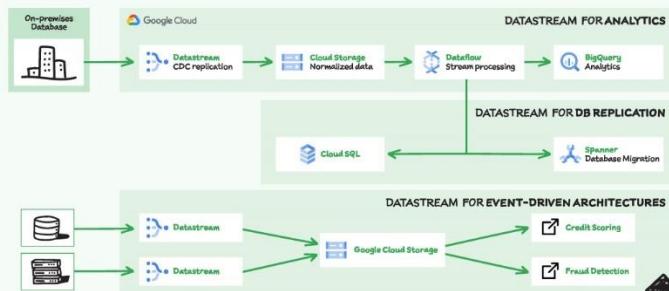
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07.20.2021

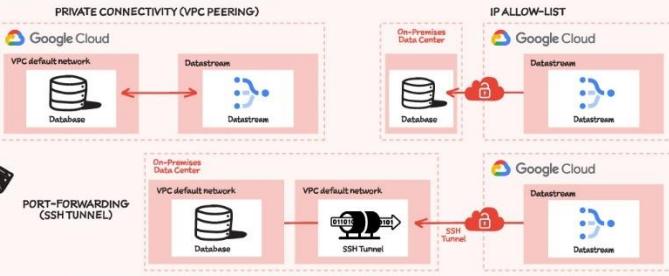
What is (Datastream)?



DATASTREAM USE CASES

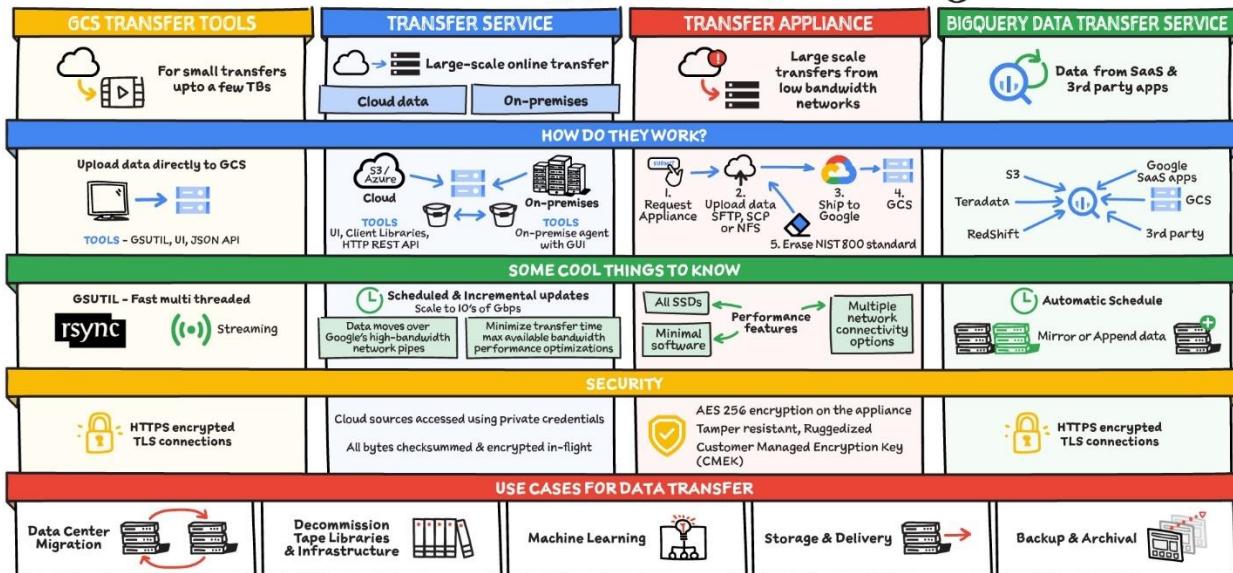


CONNECTIVITY OPTIONS



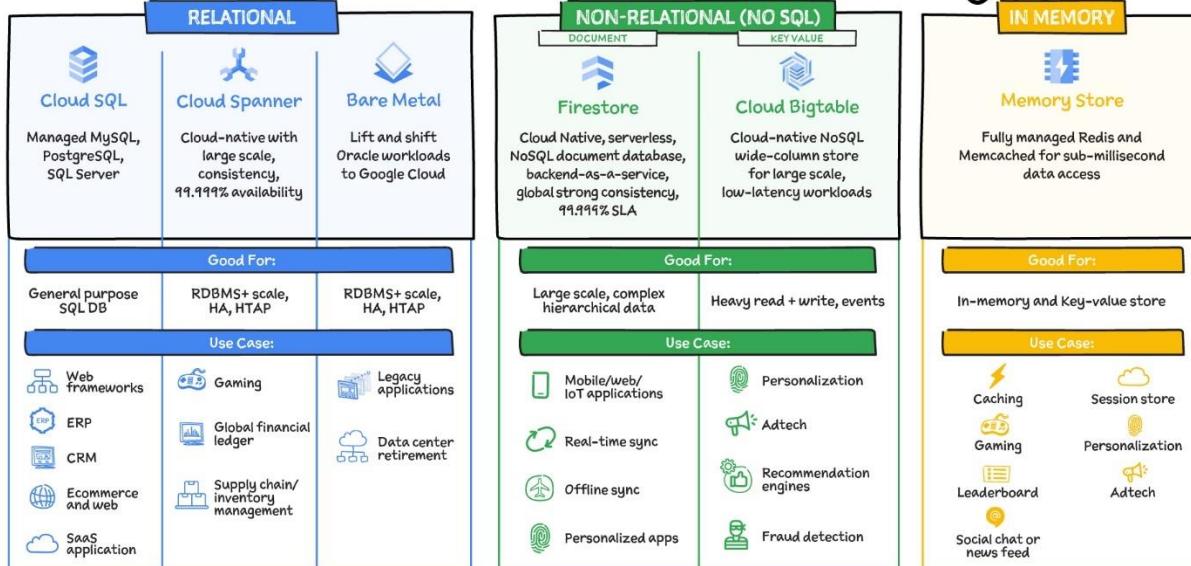


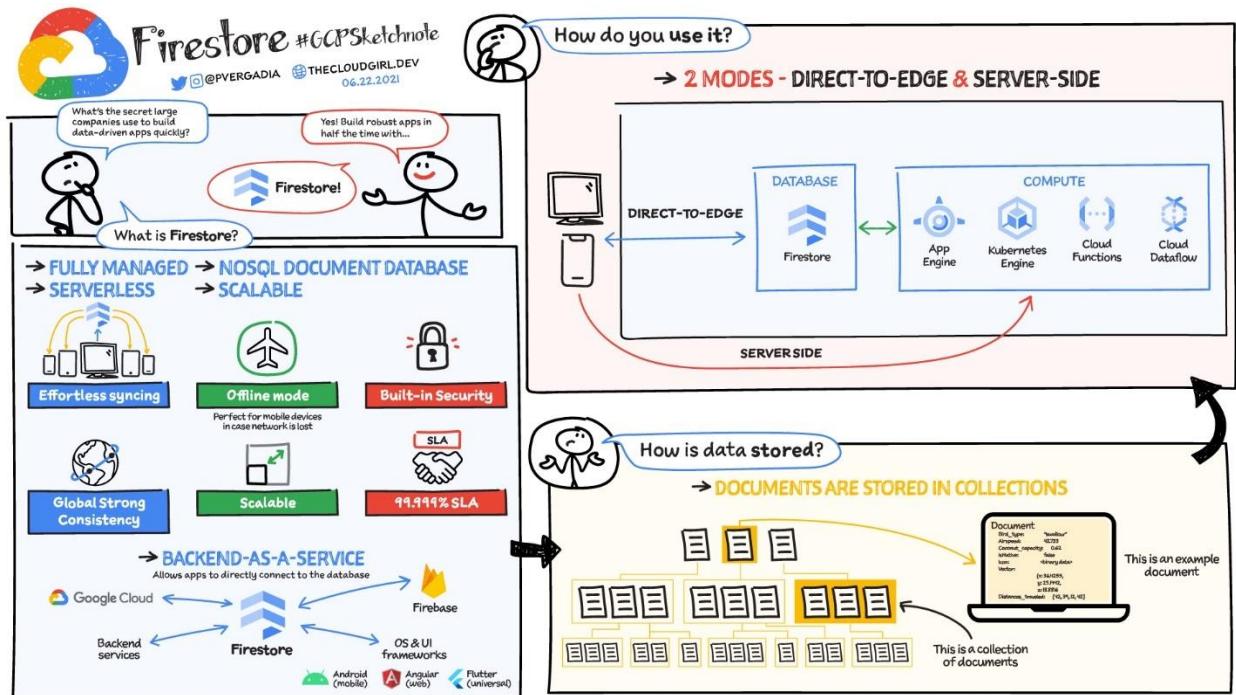
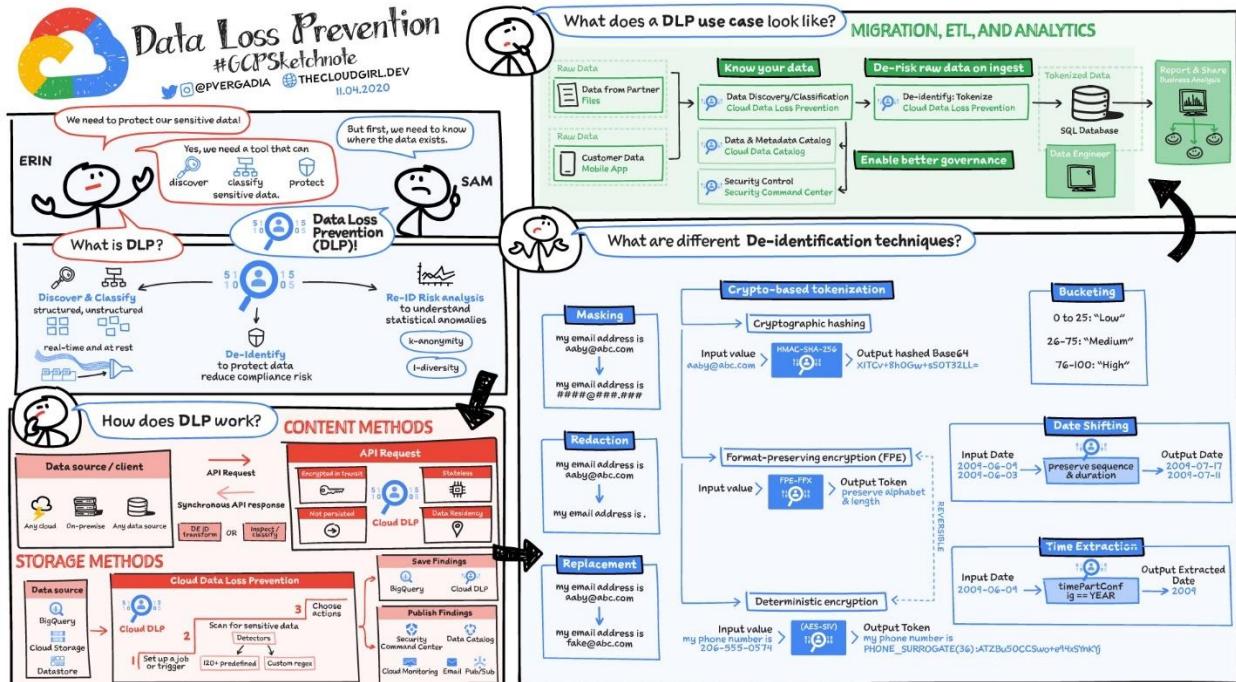
Options to move data to Google Cloud

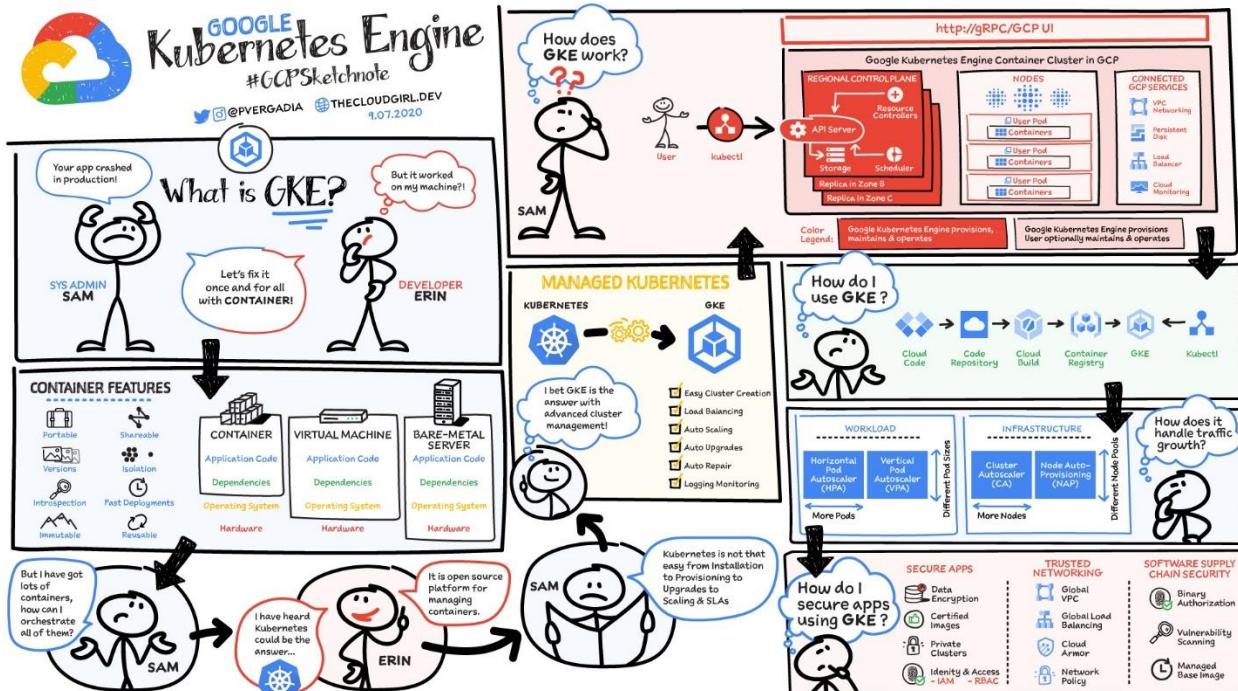
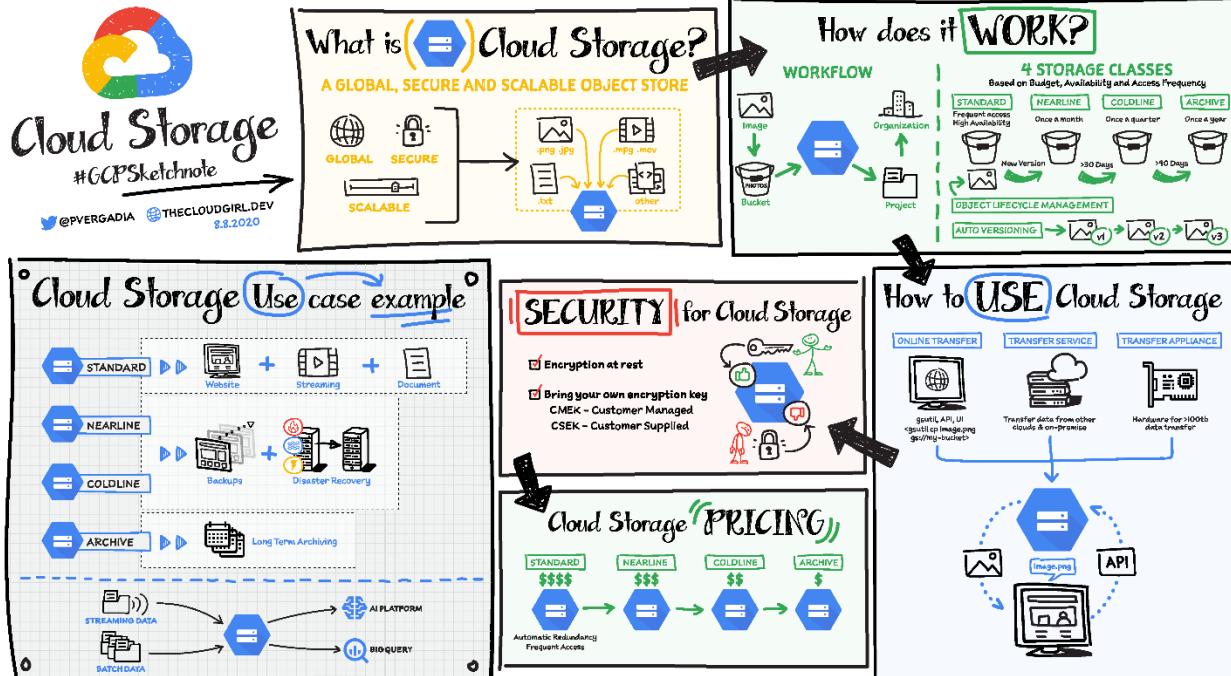


Which Database should I use?

#GCPSketchnotes
07.10.2021







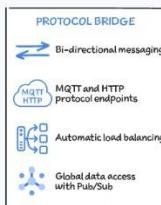


Cloud IoT Core #GCPsketchnote

@PVERGADIA THECLOUDGIRL.DEV 5.14.2021

What is Cloud IoT Core?

FULLY MANAGED SERVICE



To easily & securely connect, manage, & ingest data from globally dispersed devices



Device identity

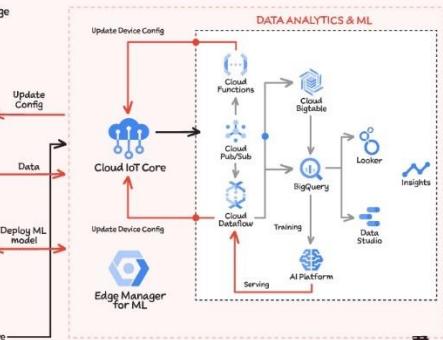
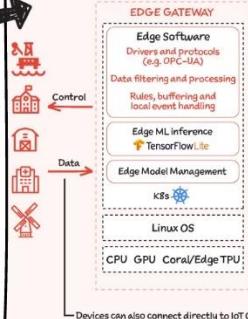
Role level access control

Configure, update & control individual devices

Console & APIs for device deployment & monitoring

How does Cloud IoT Core WORK??

Implementing business logic at the edge



Devices can also connect directly to IoT Core

TYPICAL IOT USE-CASES



PILLARS OF CLOUD IOT CORE

IoT Essentials

Flexible device identities

Scalability

Interoperability

Easily provision device identities and enable them to access most of GCP

Be the industry leader in IoT scalability and performance

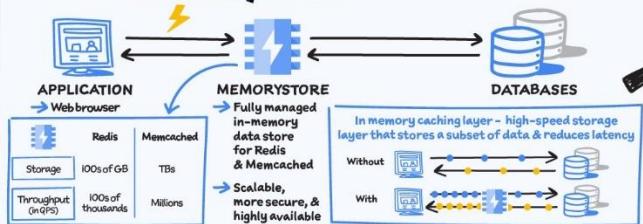
Support of industrial protocols, including but not limited to OPC-UA



Memorystore #GCPsketchnote

@PVERGADIA THECLOUDGIRL.DEV 6.21.2021

What is Memorystore?



What is your applications' availability need?

MEMORYSTORE FOR REDIS

BASIC TIER

Single Redis instance, ideal for caching use cases

- Instance health monitoring & automatic recovery from failures
- No SLA

STANDARD TIER

Replicated Redis instance, increased availability

- One secondary replica deployed across zones, protection from zone failures
- Seamless scale up down
- 99.9% availability SLA

FEATURES & CAPABILITIES

SECURE BY DEFAULT



Data is protected from the internet using VPC networks, private IP & IAM integration
Standard high availability instances are replicated across zones
Instance Auth, Data encrypted in-transit

SEAMLESS SCALE & HA



Monitor instances using cloud operations

DEEP INSIGHTS



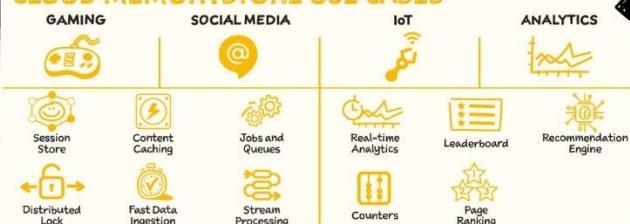
Easily backup instance data or import data into Memorystore from GCS buckets using RDB files

BACKUP DATA



OSS compliance allows using Memorystore without any code changes

CLOUD MEMORYSTORE USE CASES



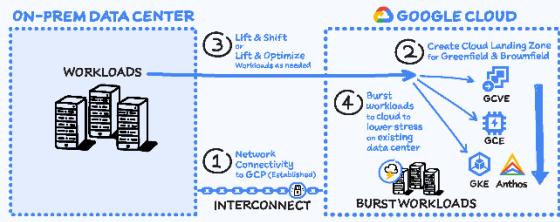


THE GOOGLE CLOUD

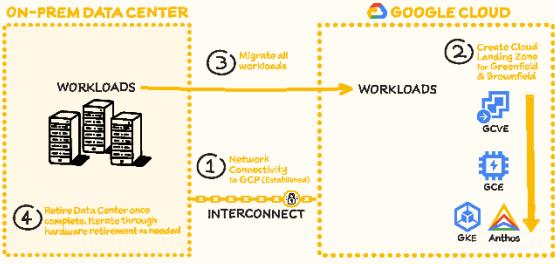
Migration CheatSheet

#GCPSketchnote [@PYERGADIA](#) [THECLOUDGIRL.DEV](#) 8.21.2020

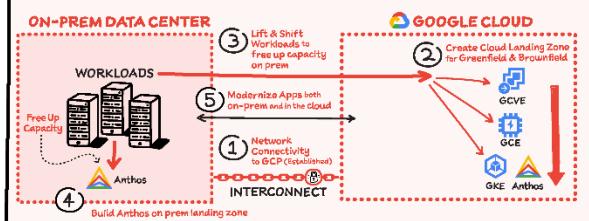
Common Use Case #1 - "HYBRID CLOUD BURST"



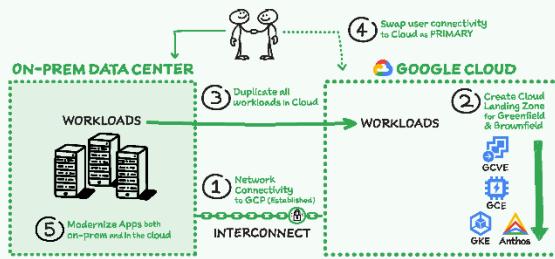
Common Use Case #3 - "LAND, EXPAND, RETIRE"



Common Use Case #2 - "MODERNIZE WITH ANTHOS"

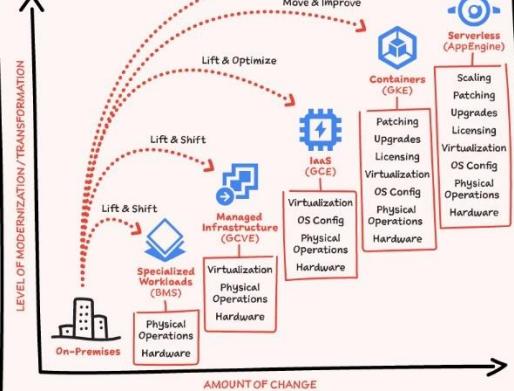


Common Use Case #4 - "DR SITE PROMOTION"



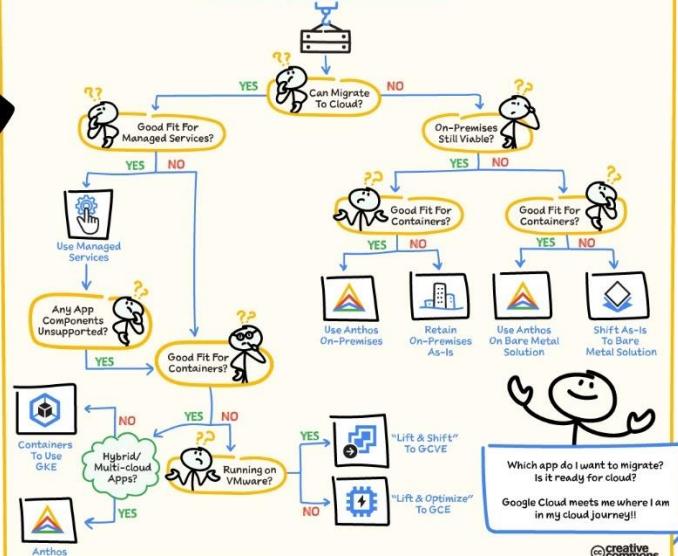
The Migration Journey begins... #GCPSketchnote 8.25.2020

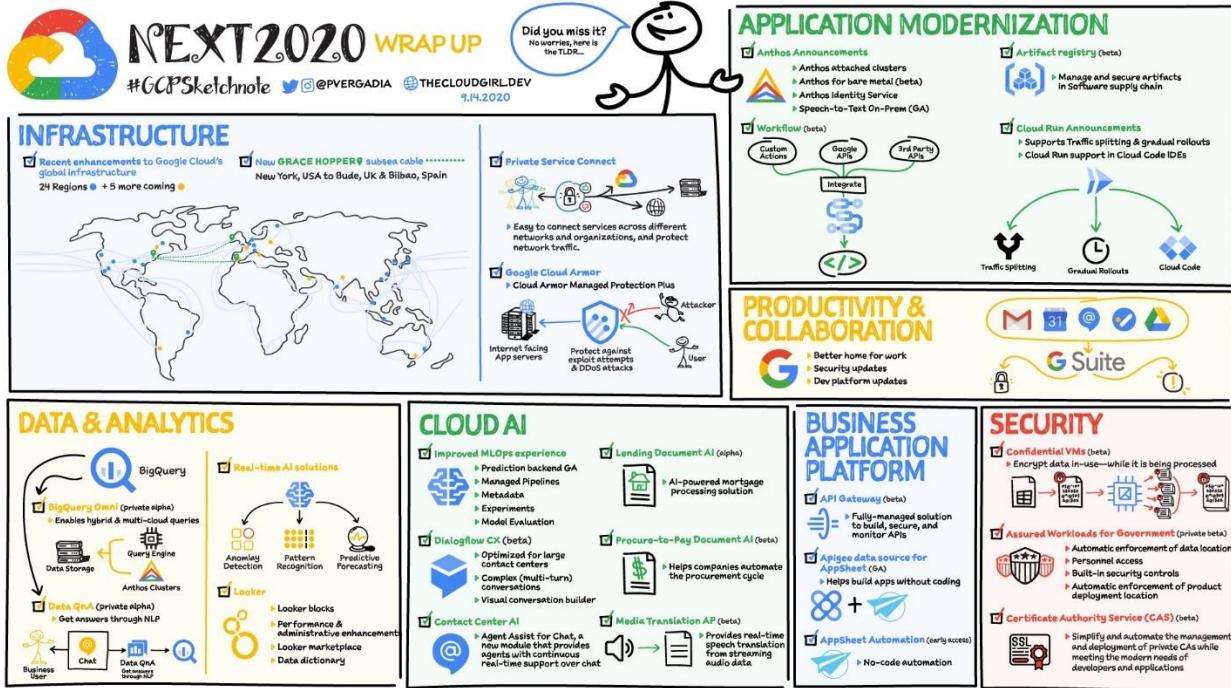
Time-to-value with migration options



Application Migration Made Easy with Google Cloud

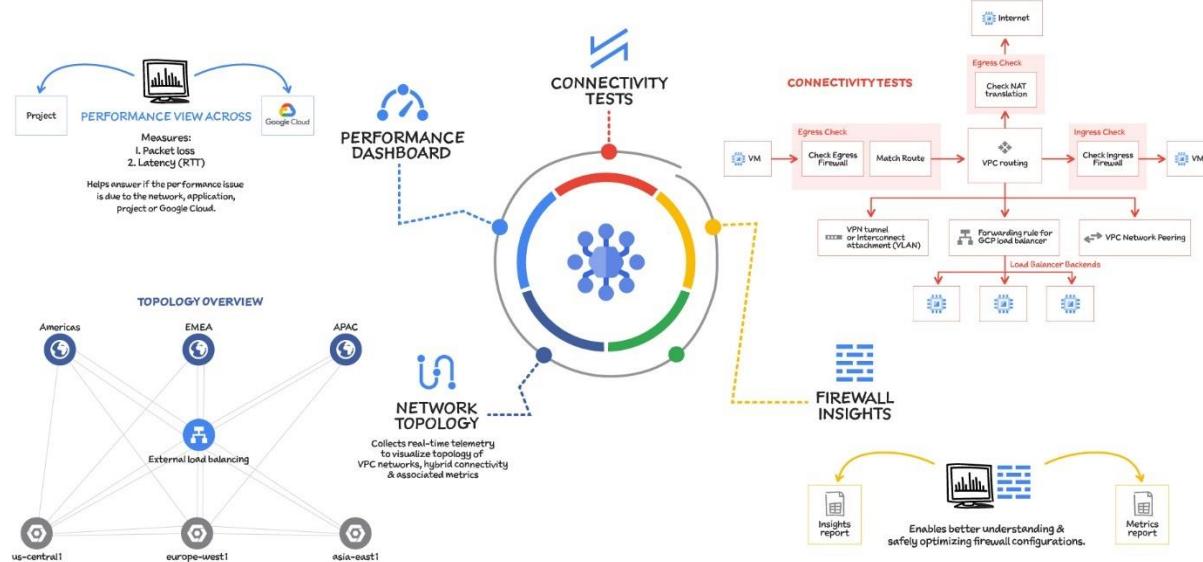
CANDIDATE APPLICATION STACK

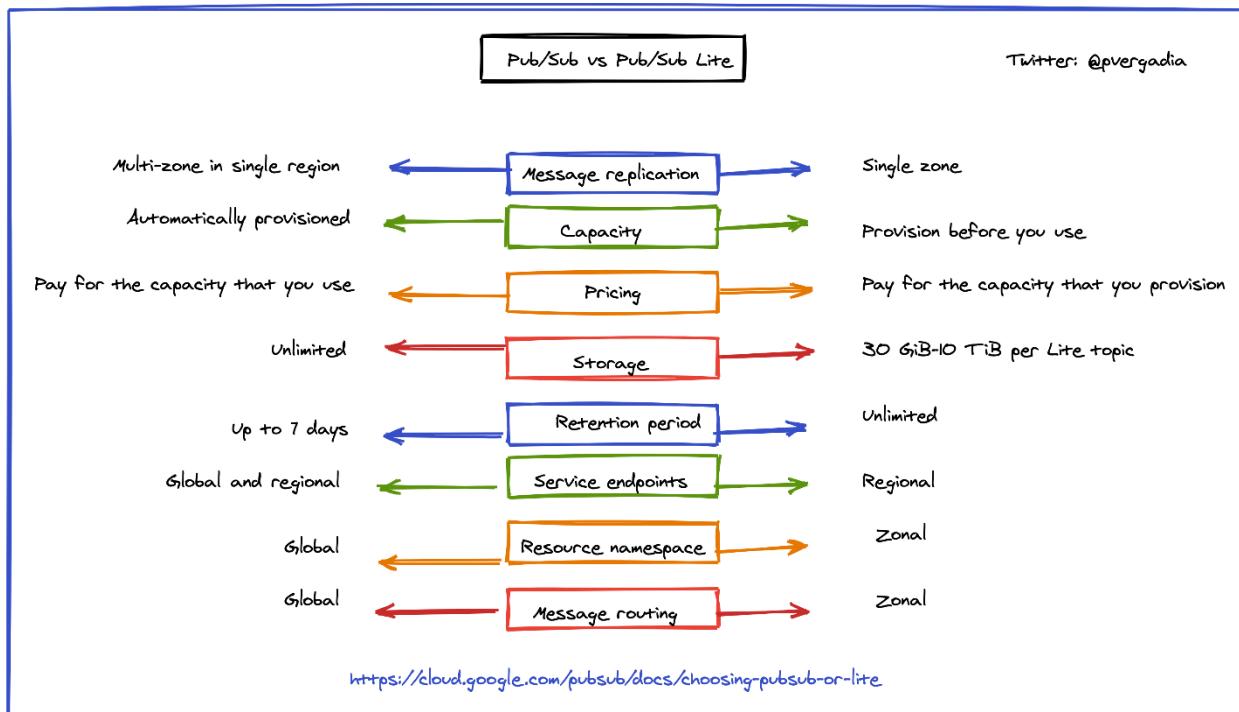
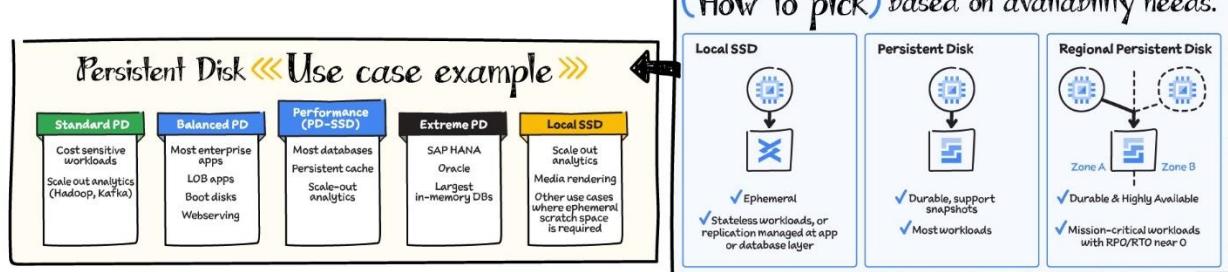
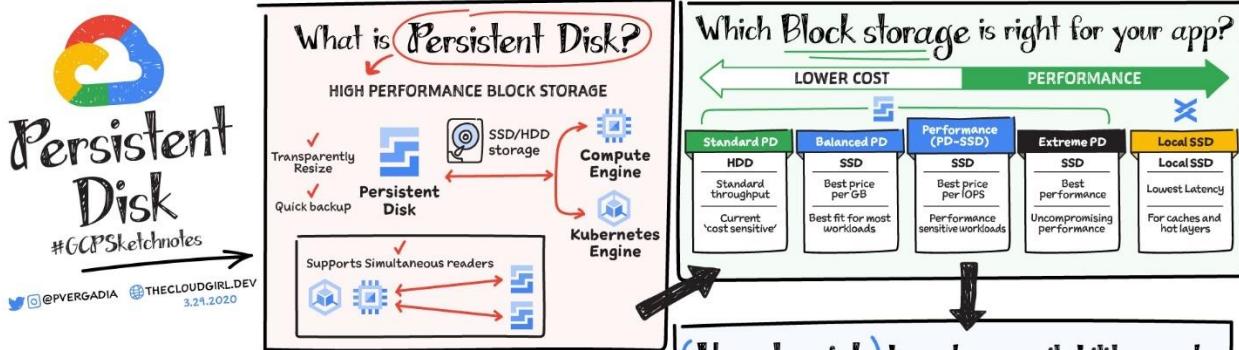


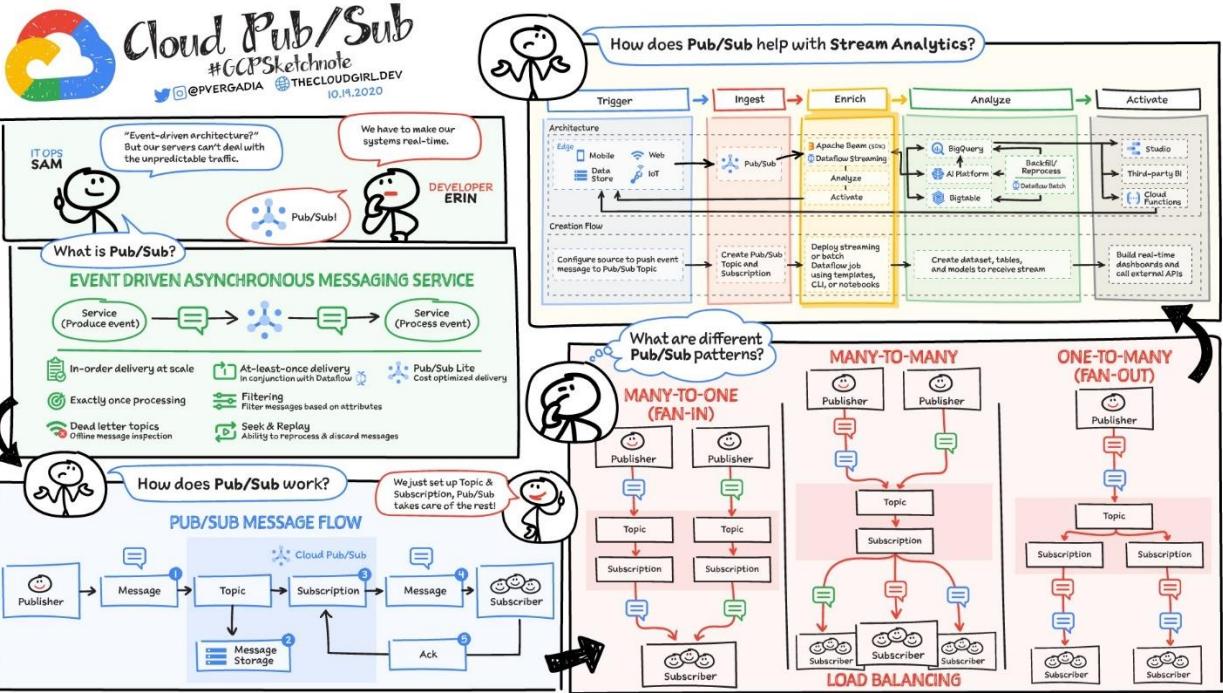


Network Intelligence Center

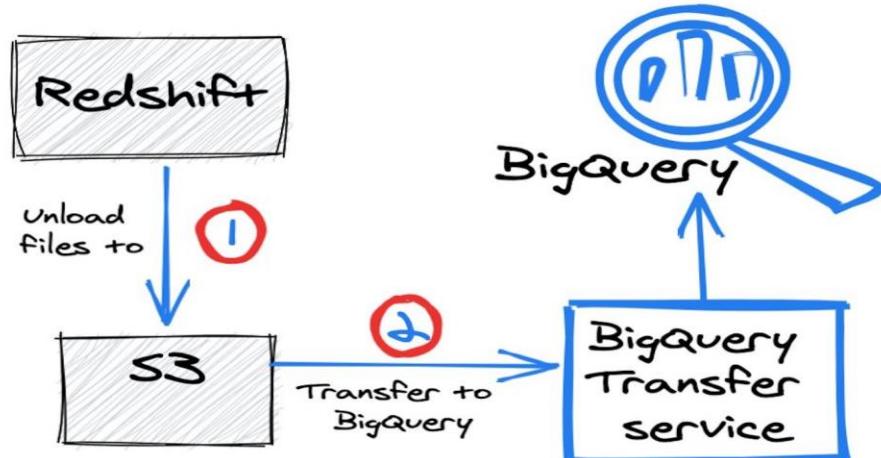
NETWORK MONITORING, VERIFICATION, & OPTIMIZATION PLATFORM







Migrate Amazon Redshift to BigQuery



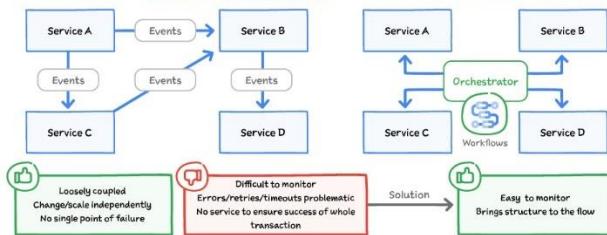
Learn more → <https://bit.ly/3hyn5qE>



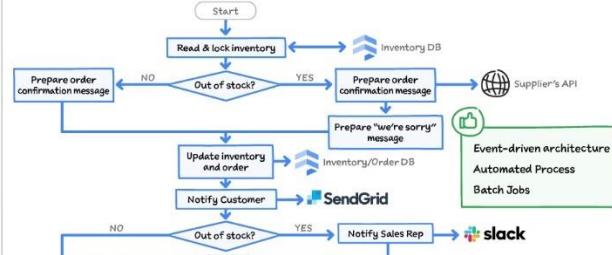
Service Orchestration IN GOOGLE CLOUD

#GCPsketchnote [@PVERGADIA](#) [THECLOUDGIRL.DEV](#) 04.02.2021

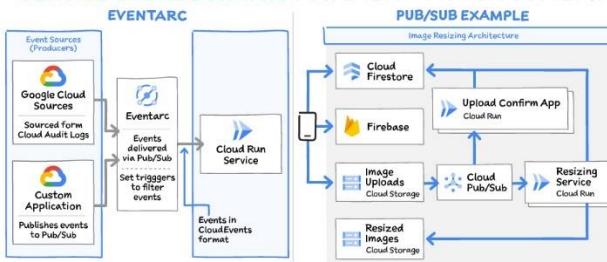
SERVICE CHOREOGRAPHY VS ORCHESTRATION



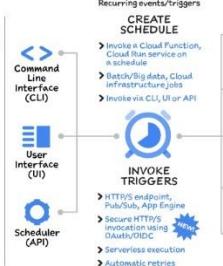
WORKFLOW USE CASES FOR SERVICE ORCHESTRATION



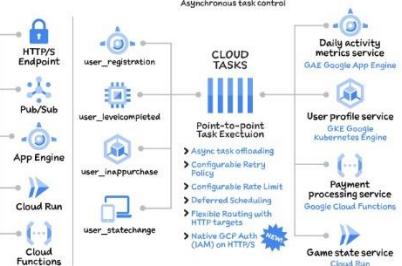
SERVICE CHOREOGRAPHY FOR EVENT-DRIVEN SYSTEMS



CLOUD SCHEDULER

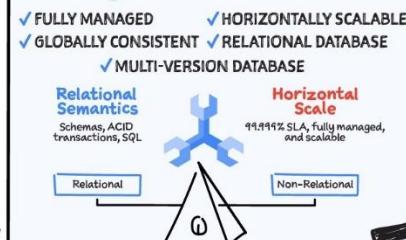


CLOUD TASKS

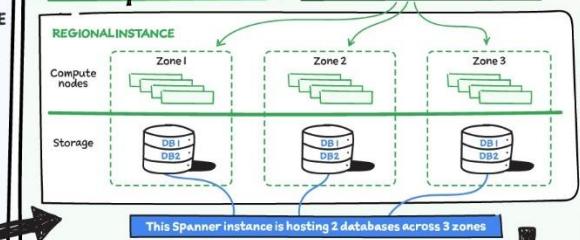


Cloud Spanner

What is Cloud Spanner?



How does Cloud Spanner work?



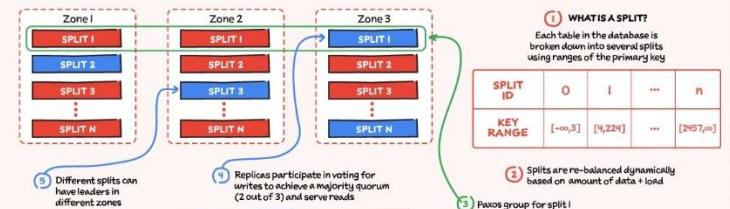
How does Spanner provide global consistency? ☺

SPANNER GLOBAL CONSISTENCY

Google's Global Network
Fast & redundant

How does Spanner provide high availability & scalability?

Zero downtime for planned maintenance or schema changes





Which Storage Should I Use?

