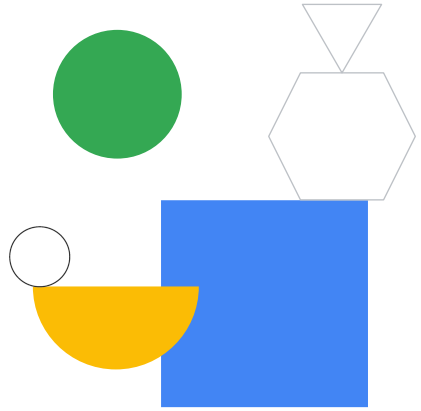


Smart Analytics, Machine Learning and AI on Google Cloud



Welcome to Smart Analytics, Machine Learning, and AI on Google Cloud.

Facilities



Parking



Facilities

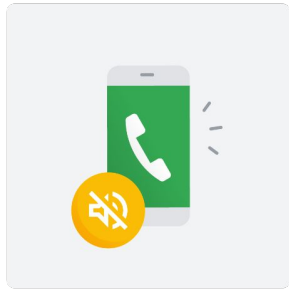


Food

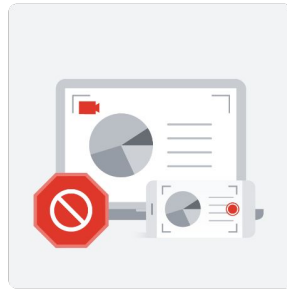
Facilities:

- Parking
- Facilities
- Food

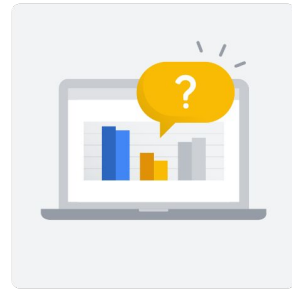
Etiquette



No calls



No recording

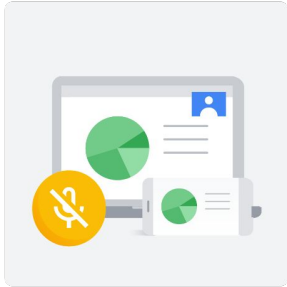


Ask questions

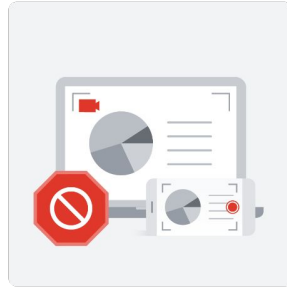
Course etiquette:

- Please silence your phone and take calls outside.
- Recording this class is prohibited.
- Ask questions interactively or via chat (online).

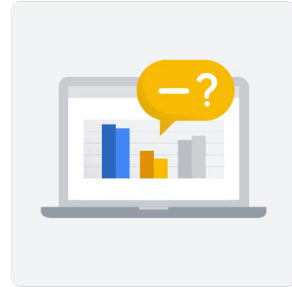
Etiquette



Mute microphone



No recording



Ask questions

Data Engineering on Google Cloud learning path



Modernizing Data Lakes and Data Warehouses with Google Cloud



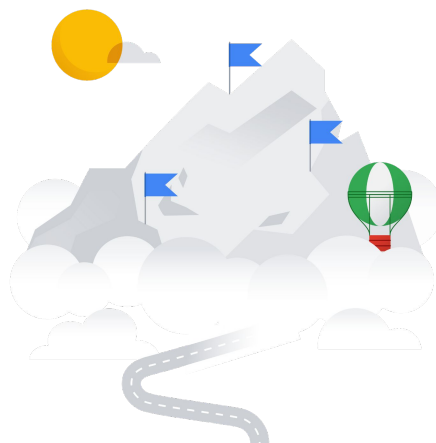
Building Batch Data Pipelines on Google Cloud



Building Resilient Streaming Analytics Systems on Google Cloud




Smart Analytics, Machine Learning and AI on Google Cloud




Smart Analytics, Machine Learning and AI on Google Cloud is the fourth and final part of the Data Engineering on Google Cloud course.

While data has intrinsic value, that value can be augmented with Machine Learning. Today, we will cover how to integrate Analytics and Machine Learning capabilities into your data pipelines.



Day 4 agenda



- 01 Analytics and AI: Introduction
- 02 Prebuilt ML model APIs for Unstructured Data
- 03 Big Data Analytics with Notebooks
- 04 Production ML Pipelines
- 05 Custom Model Building with SQL in BigQuery ML
- 06 Custom Model Building with AutoML

We'll start by validating the claim that Machine Learning adds value to your data.

Throughout the day, we'll look at the options available on Google Cloud for applying Machine Learning.

You'll learn that Google Cloud ML solutions cater to a wide range of organizational challenges.

There are solutions for organizations with large Machine Learning teams. And there are also solutions for those with absolutely no Machine Learning expertise. We'll cover all of these as well as how to productionize ML solutions on Google Cloud.