Google Cloud

Smart Analytics, Machine Learning and AI on Google Cloud

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Welcome to Smart Analytics, Machine Learning, and AI on Google Cloud.
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Data Engineering on Google Cloud course series

✓	Modernizing Data Lakes and Data Warehouses with Google Cloud
✓	Building Batch Data Pipelines on Google Cloud
✓	Building Resilient Streaming Analytics Systems on Google Cloud
4	Smart Analytics, Machine Learning and AI on Google Cloud

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

While data has intrinsic value, that value can be augmented with Machine Learning. This course covers how to integrate Analytics and Machine Learning capabilities into your data pipelines.

Course 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	

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

Throughout the rest of the course 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.