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# Vertex AI Search for Retail

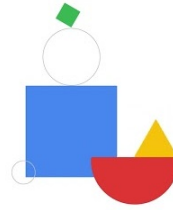school  7 activities    update  Last updated over 1 year    person  Managed by Google Cloud

With Vertex AI Search for Retail solution (formerly known as Discovery AI), enterpris
provide Google-quality search, browsing and recommendations on their digital prop
conversions and reducing search abandonment. This learning path guides you throu
collection of on-demand courses, labs, and skill badges that provide you with real-w
experience using Google Cloud technologies essential to implementing the Vertex A
solution.
In addition to the learning content in this path there are external rescources includi
for Retail Overview Video (https://www.youtube.com/watch?v=CjN4EDfyNwA), Retai
(https://www.google.com/url?
sa=j&url=https%3A%2F%2Fwww.googlecloudcommunity.com%2Fgc%2FCommunity
Search-best-practices-for-high-performance-Product%2Fba-
p%2F647342&uct=1696127196&usg=DUy9obX2R_0zzhCUu9F313d1M4M.&opi=73
and Recommendations AI Best Practices (https://cloud.google.com/blog/topics/deve
how-get-better-retail-recommendations-recommendations-ai)

Start learning path

Google Cloud

Google Cloud in the
Retail and Ecommerce
industry

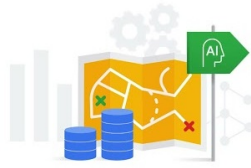# 01 Modernizing Retail and Ecommerce Solutions with Google Cloud

book Course
access_time 8 hours
show_chart Introductory

In this course, you will learn about the various services Google Cloud offers for modernizing retail applications and infrastructure. Through a series of lecture content and hands-on labs, you will gain practical experience deploying cutting-edge retail and ecommerce solutions on...

Start course

## 02 Google Cloud Big Data and Machine Learning Fundamentals

book Course
access_time 5 hours
show_chart Introductory

This course introduces the Google Cloud big data and machine learning products and services that support the data-to-AI lifecycle. It explores the processes, challenges, and benefits of building a big data pipeline and machine learning models with Vertex AI on...

Start course

Serverless Data Processing with Dataflow



(/paths/655/course_templates/218)

# 03 Serverless Data Processing with Dataflow: Foundations

book Course
access_time 3 hours
show_chart Intermediate

This course is part 1 of a 3-course series on Serverless Data Processing with Dataflow. In this first course, we start with a refresher of what Apache Beam is and its relationship with Dataflow. Next, we talk about the Apache...

Start course

(/paths/655/course_templates/391)

# 04 Vertex AI Search for Commerce

book Course

access_time 4 hours 15 minutes

show_chart Advanced

This on-demand course provides partners the skills required to design, deploy, and monitor Vertail AI Search for Commerce solutions including retail search and recommendation AI for enterprise customers.

Start course

Serverless Data Processing with Dataflow

(/paths/655/course_templates/229)

# 05 Serverless Data Processing with Dataflow: Develop Pipelines

book Course
access_time 21 hours
show_chart Advanced

In this second installment of the Dataflow course series, we are going to be diving deeper on developing pipelines using the Beam SDK. We start with a review of Apache Beam concepts. Next, we discuss processing streaming data using windows,...

Start course

Serverless Data Processing with Dataflow

| | | |
|---|---|---|
| 01 | Foundations | |
| 02 | Develop Pipelines | |
| 03 | Operations | |

Google Cloud

(/paths/655/course_templates/264)

# 06 Serverless Data Processing with Dataflow: Operations

book Course

access_time 14 hours 45 minutes

show_chart Advanced

In the last installment of the Dataflow course series, we will introduce the components of the Dataflow operational model. We will examine tools and techniques for troubleshooting and optimizing pipeline performance. We will then review testing, deployment, and reliability best...

Start course