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Module 1 Quiz

Graded Quiz • 6 min

Due Jun 22, 12:29 PM IST

Introduction

Why Google?

Module 1 Quiz

Quiz: Module 1 Quiz

3 questions

What it means to be AI first

Two stages of ML

ML in Google products

Demo: ML in Google products

Replacing heuristics

It's all about data

Framing an ML problem

ML in applications

Pre-trained models

The ML marketplace is evolving

A data strategy

Training and serving skew

An ML strategy

Transform your business

Module 2 Quiz

Introduction

ML Surprise

The secret sauce

ML and Business Processes

The Path to ML

End of phases deep dive

Module 3 Quiz

Introduction

Machine Learning and Human Bias

Evaluating Metrics for Inclusion

Statistical Measurements and acceptable tradeoffs

Equality of Opportunity

Simulating Decisions

Finding Errors in your dataset using Facets

Module 4 Quiz

Module Introduction

Cloud Datalab

Computation and storage

Lab: Rent-a-VM

Cloud Shell

Third wave of cloud

AI Platform Notebooks and BigQuery

Machine Learning with Sara Robinson

Pre-trained ML APIs

Lab: Machine Learning APIs

Module 5 Quiz

Summary: ML Strategy

QUIZ • 6 MIN

Module 1 Quiz

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TO PASS 66% or higher

Grade 100%

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✓

Congratulations! You passed!

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GRADE 100%

Module 1 Quiz

LATEST SUBMISSION GRADE 100%

1. What is a common reason for an ML model that works well in training but fails in production? 1 / 1 point

☐ The model was not properly deployed during production

☐ Model training was not completed properly

☐ The wrong model chosen during training

☒ The ML dataset was improperly created

✓

Correct

While all of these reasons are important, the most common one often comes back to how you created the ML dataset.

2. Personalized Algorithms are often built using which type of ML model? 1 / 1 point

☒ Recommendation systems

☐ Image classification models

☐ Sequence models

✓

Correct

Recommendation systems is the correct answer. But you must understand and know the tools and tricks of image processing and sequence systems to understand recommendation systems.

3. What is a key lesson Google has learned with regards to reducing the chance of failure in production ML models? 1 / 1 point

☐ Understand and fully utilize TensorFlow

☐ Base as many models as possible on recommendation systems

☒ Process batch data and streaming data the same way

✓

Correct

Make sure batch data and streaming data are processed the same way. If we do this then the training data (batch data) and the streaming data are more likely to be compatible, which improves the chances of a successful serving of the model!

1 of 1

6/16/2020, 1:46 PM