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Module 3 Quiz

Graded Quiz • 6 min

Due Jun 22, 12:29 PM IST

Introduction

Why Google?

Module 1 Quiz

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

✔ Quiz: Module 3 Quiz

3 questions

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 3 Quiz

✔ Submit your assignment

DUE Jun 22, 12:29 PM IST

ATTEMPTS 3 every 8 hours

Try again

✔ Receive grade

TO PASS 66% or higher

Grade 100%

View Feedback

We keep your highest score

👍

💬

📄

✔ Congratulations! You passed!

TO PASS 66% or higher

Keep Learning

GRADE 100%

Module 3 Quiz

LATEST SUBMISSION GRADE 100%

1. In each of the given situations the task is at one of the five phases of the "Path to ML". 1 / 1 point

Identify the phase of each of tasks by writing

I for individual contributor

D for delegation

Z for digitization

B for big data and analytics

M for machine learning

___ A manufacturing plant has a number of robotic arms. The manufacturing team uses the data collected on each arm to help determine its maintenance schedule.

___ A team of customer service reps who take orders for an online catalog

___ A librarian working the front desk at a city library

___ City parking meters that change the hourly rate depending on anticipated demand

___ An automated toll readers that read car license plates and charge the toll fee to the registered car owner

☒ _B_ A manufacturing plant has a number of robotic arms. It uses the data collected on each arm to help determine its maintenance schedule.

D A team of customer service reps for an online catalog

L A librarian working the front desk at a city library

M City parking meters that change the hourly rate depending on the time of day

Z An automated toll readers that read car license plates and charge the toll fee to the registered car owner

☐ _D_ A manufacturing plant has a number of robotic arms. It uses the data collected on each arm to help determine its maintenance schedule.

L A team of customer service reps for an online catalog

M A librarian working the front desk at a city library

Z City parking meters that change the hourly rate depending on the time of day

B An automated toll readers that read car license plates and charge the toll fee to the registered car owner

☐ _M_ A manufacturing plant has a number of robotic arms. It uses the data collected on each arm to help determine its maintenance schedule.

Z A team of customer service reps for an online catalog

L A librarian working the front desk at a city library

B City parking meters that change the hourly rate depending on the time of day

D An automated toll readers that read car license plates and charge the toll fee to the registered car owner

✔ Correct

2. In each of the given situations a company is in one of the five phases of the "Path to ML". 1 / 1 point

Identify the phase of each of tasks by writing

I for individual contributor

D for delegation

Z for digitization

B for big data and analytics

M for machine learning

___ All tasks (execution of process, choosing operational parameters, and feedback of parameters) are fully automated

___ A person performs the task and instructions to complete the task are passed from person to person

___ A computer executes the process and a software engineer ensures the parameters are part of the feedback loop. Parameters are chosen through analysis of historical patterns

___ A computer executes the process but a person supplies the parameters via a graphical user interface

___ A task is completed by a group of people

☐ _B_ All tasks (execution of process, choosing operational parameters, and feedback of parameters) are fully automated

M A person performs the task and instructions to complete the task are passed from person to person