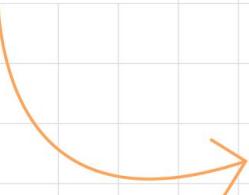




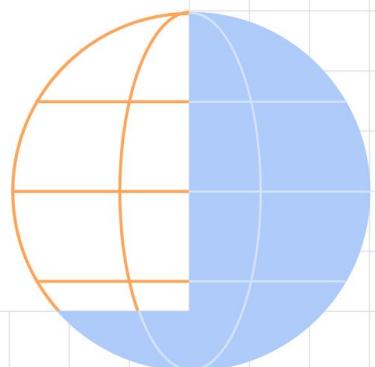
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Machine Learning Bootcamp Program Overview



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What is Machine Learning (ML) Bootcamp?

ML Bootcamp provides a fast paced, practical introduction to Machine Learning - divided in four modules : Design, Learn, Study & Build.



Why did we start this program?

“Mainly, developers, startups need an extended program to get started with Machine Learning”

We started this journey in June 2018



Went on a journey for verticalized approach

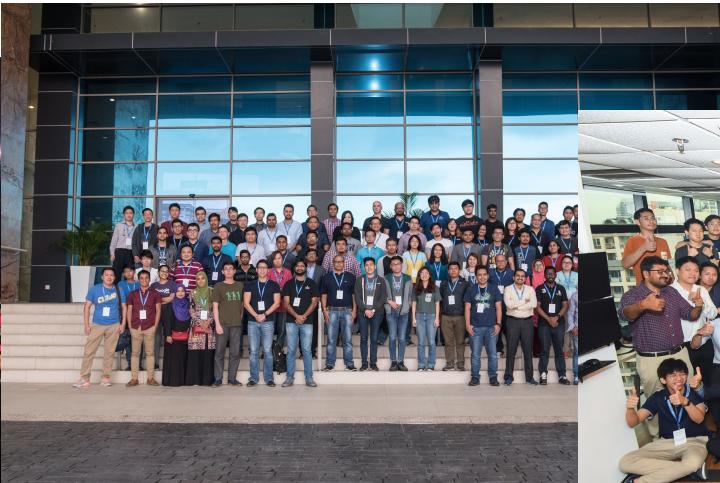


17 bootcamps across SEA and India

INDONESIA



MALAYSIA



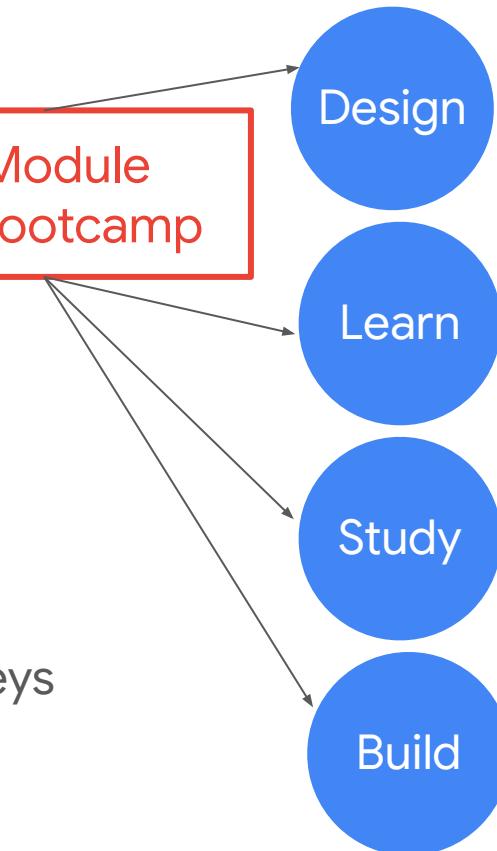
THAILAND



Need of a modularized approach



- Increasing interest
- Engagements in ecosystem
- Use cases produced
- Application of learnings into real life products
- Help startups / teams to kickstart their ML journeys



Why run a Machine Learning Bootcamp?

ML bootcamp is a great opportunity

to bring the developer and startup community in your region together

to learn fundamentals & application of Machine learning using TensorFlow and
Google Cloud Platform.

This will give a boost to an individual's ability to **implement ML** in their company's existing/future product/s, resulting into more **innovation and more growth**.

Audience

Developers working in startups / enterprises / communities:

- Development experience
- Familiarity with programming language (Python)
- Linear algebra + Calculus
- Interested in Implementation



Reference timeline

Hold the ML Bootcamp (within ~2 months)					
Pre-event (1 month)	Module-1 DESIGN	Module-2 LEARN	Module-3 STUDY	Module-4 BUILD	Post-event (1 month)
Find a location and Decide your target audience	Organizers should take a Train-The-Trainer session with Google team			Celebrate the completion of 4 modules :)	Opportunities leading towards more rewards & professional certifications.

Machine Learning Bootcamp Content

Design	Learn	Study	Build
Duration: 4 hours	Duration: 4-6 hours	Duration: 4 hours	Duration: 4-6 hours
Aim: To introduce participants with design thinking approach to frame ML problems	Aim: To get participants understand ML theory & practice through study groups	Aim: To get participants understand Google Cloud Platform ML offerings through codelabs	Aim: To help participants develop a working ML model to solve a real world problem
Format: Design thinking workshop	Format: Group Study	Format: Hands on labs	Format: Hackathon
Participants receive: Detailed design thinking guide & materials	Participants receive: 1 month free access to relevant course on Coursera	Participants receive: 1 month free & unlimited access to Qwiklabs	Participants receive: \$XXX GCP credits to build prototypes

<Design>

4 hours, workshop

Beginner	Intermediate
<u>Design thinking workshop</u>	<u>Introduction to Machine Learning Problem Framing</u>

Tips for customization:

- Group according to different themes of interest for example - fintech, healthcare, ecommerce, education etc. This allows for focussed thinking between the like minded individuals.



<Learn>

4-6 hours, group study

Beginner	Intermediate
<u>Serverless Machine Learning with Tensorflow on Google Cloud Platform</u>	<u>End-to-End Machine Learning with TensorFlow on GCP</u>

Tips for customization:

- Encourage participants to take full specialization (of which the respective courses are part of)



<Learn>

4-6 hours, group study

Beginner/ Intermediate

Introduction to TensorFlow for Artificial Intelligence,
Machine Learning, and Deep Learning

Tips for customization:

- Encourage participants to take full specialization (of which the respective courses are part of)



<Study>

4 hours, codelabs

Beginner	Intermediate
Choose 3 labs from <u>Baseline ML/AI quest</u>	Choose 3 labs from <u>Data Science quest</u>

Tips for customization:

- Use 1-month free subscription of *qwiklabs* and complete all the remaining labs of respective quests to earn a *qwiklabs* badge.



<Study>

4 hours, codelabs

Beginner / Intermediate

Choose 3 labs from [Tensorflow tutorials](#) or
[Tensorflow codelabs](#)

Tips for customization:

- You can choose the labs based on audience interest for mobile, web or neural network interests.



<Build>

4-6 hours, project

Beginner	Intermediate
<u>Kaggle challenge (starter colab)</u>	<u>Run a hackathon (datasets to use)</u>

Tips for customization:

- *Each participating startup receives \$XXX GCP credits to build a prototype/feature using ML. Selected startups to receive further mentorship from Google technology experts.*

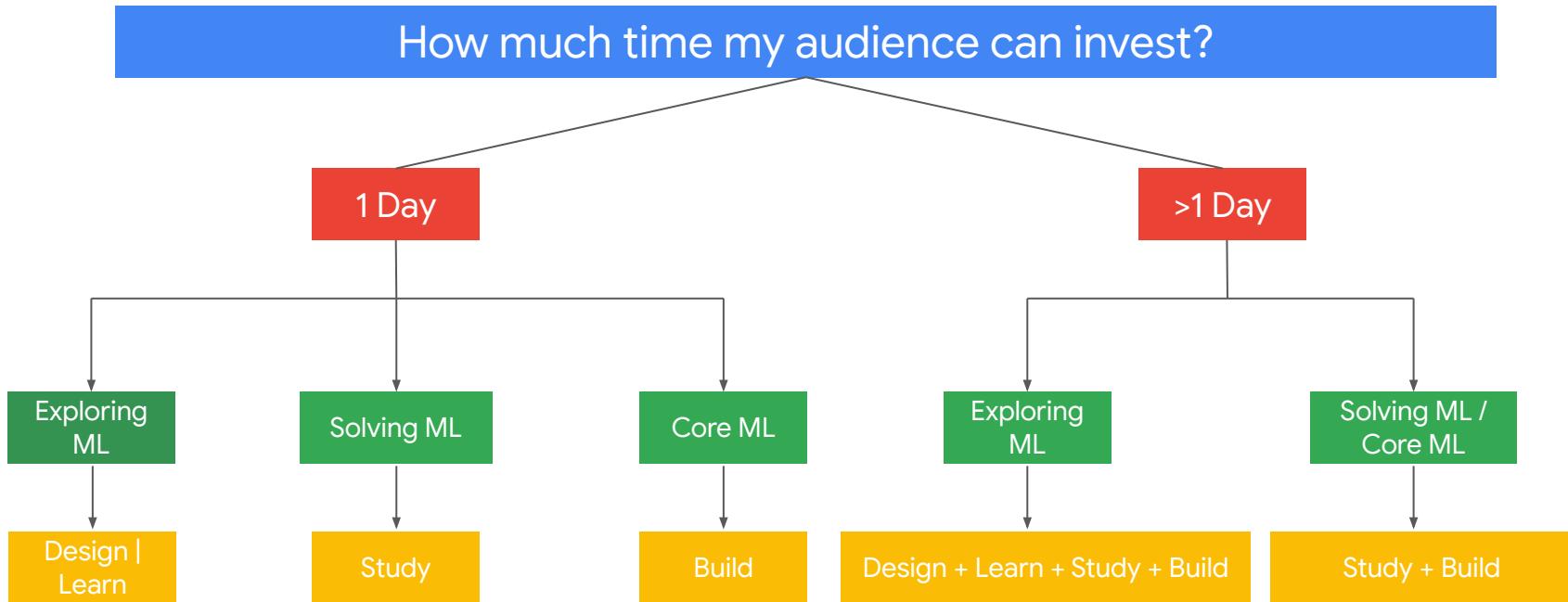


Okay, I understand what ML bootcamp is.
Is there a cheat sheet available
To make my life easier?

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Is there a cheat sheet available
To make my life easier?



Select which modules?



Submit Organizer Registration Form

Register your bootcamp by filling in this form: bit.ly/MLB-register ideally before 30 or more days of hosting the first module.

In the form:

- Indicate the dates & schedule for each module + target number of attendees
- Indicate speaker requests (subject to availability of speakers)
- Indicate if you need any additional support

After filling in the form, watch your inboxes for Invite for TTT sessions + Coursera & Qwiklab vouchers

ML Bootcamp - Organizer Registration Form

Thank you for organizing ML Bootcamp! Kindly fill in this form to help us understand how to support you better.

Kindly fill this in 30 days in advance in order to avoid any delays in support.

* Required

Email address *

Your answer

First name *

Your answer

Last name *

Your answer

What Program are you a part of? *

Google Developers Group (GDG)

Google Cloud Developer Community

Powered by Launchpad Partner

Other: _____

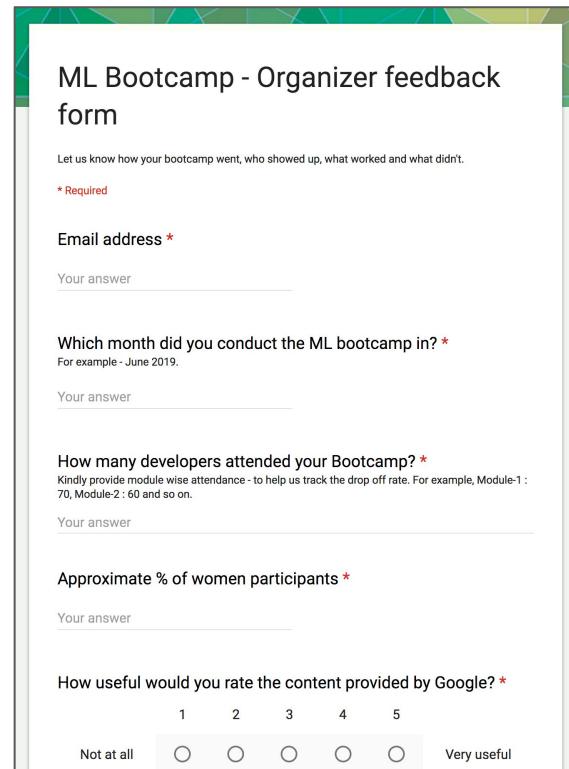
Please email at ml-events-help@google.com if there's change in your plans with regards to your event.

Submit Organizer Feedback Form

Done with the bootcamp? Kindly fill in this form and let us know how it went.

bit.ly/MLB-feedback

You are the expert on what works in your community. We want to hear from you, so future bootcamps will be even more awesome for you and your members!



The image shows a screenshot of a Google Form titled "ML Bootcamp - Organizer feedback form". The form has a decorative green and yellow header. The first question asks for feedback on the bootcamp, with a note that it's required. The second question asks for the month the bootcamp was conducted, with a note that it's required and provides an example of "June 2019". The third question asks for the number of developers attended, with a note that it's required and provides instructions to provide module-wise attendance. The fourth question asks for the approximate percentage of women participants, with a note that it's required. The fifth question asks for the usefulness of the provided content, with a rating scale from 1 (Not at all) to 5 (Very useful).

ML Bootcamp - Organizer feedback form

Let us know how your bootcamp went, who showed up, what worked and what didn't.

* Required

Email address *

Your answer

Which month did you conduct the ML bootcamp in? *

For example - June 2019.

Your answer

How many developers attended your Bootcamp? *

Kindly provide module wise attendance - to help us track the drop off rate. For example, Module-1 : 70, Module-2 : 60 and so on.

Your answer

Approximate % of women participants *

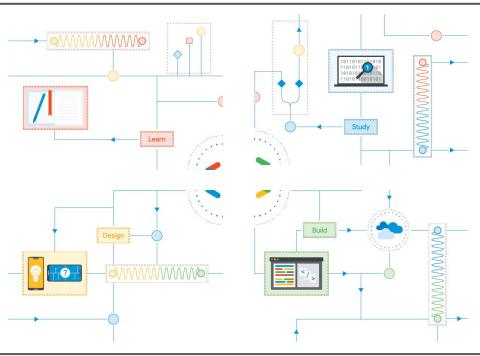
Your answer

How useful would you rate the content provided by Google? *

1 2 3 4 5

Not at all Very useful

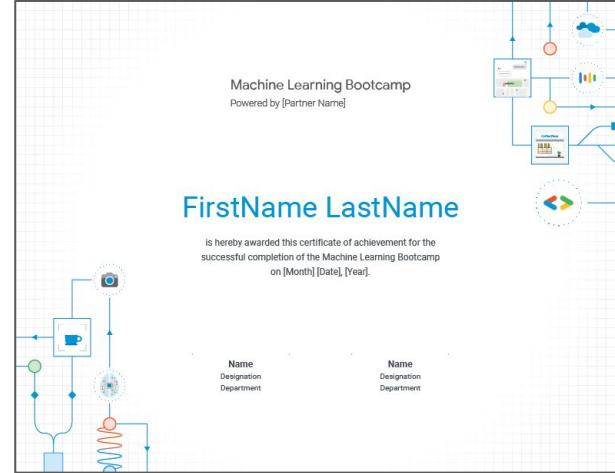
Digital Assets



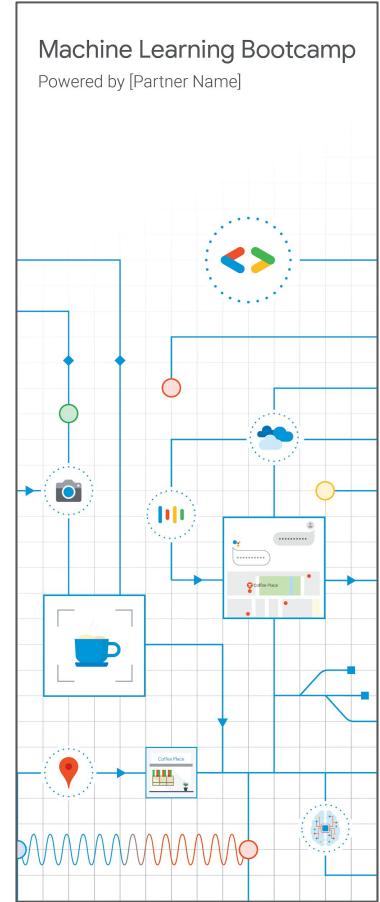
Stickers



Badge +
Lanyard



Certificate



Pull up banner

Questions?

Thank you!