Calendar

Day 0 (3 Feb)

`~0.5 hrs (estimate)`

A short meeting to give an overview of the following:

1. Bootcamp Workflow
2. Instructions & tips
3. Pre-requisites to do before Day 1

Day 1 (4 Feb)

Lo `~1 hrs.`

1. Version control with Git
2. Basic Git commands & workflows (add, commit, push)
3. How to create a GitHub repository

Day 2 (5 Feb)

Lo `~1 hrs.`

1. Markdown & why its useful
2. Adding a README to your repo
3. Creating your own README repo

Day 3 (6 Feb)

Lo `~1-2 hrs`

1. Git branching and merging
2. Creating pull requests
3. <mark>Certificate</mark>: interactive part to do for the participation certificate.

Day 4 (7 Feb)

Preparation for other Levels pre-requisites(self-study)

Day 5 (8 Feb)

Preparation for other Levels pre-requisites(self-study)

Day 6 (9 Feb)

Preparation for other Levels pre-requisites(self-study)

Day 7 (10 Feb)

L1 A `~1 hrs.`

1. Introduction to Astro: Concepts and use cases
2. Setting up Astro projects

L1 B `~1 hrs.`

1. Introduction to Dart: Syntax and core concepts
2. Building simple Dart programs

L1 C

1. Python Basics

Day 8 (11 Feb)

L1 A `~1 hrs.`

1. Introduction to Tailwind CSS
2. Customizing Tailwind and integrating with Astro

L1 B `~1.5 hrs.`

1. Introduction to Flutter: Widgets and framework structure
2. Building UI with Flutter

L1 C
3. Handling Data pt.1

Day 9 (12 Feb)

L1 A `~2 hrs.`

1. Interactive: Build a basic Astro site
2. Certificate: Build your own site

L1 B

- A break to revise or study (No online meeting)

L1 C
3. Handling Data pt.2

Day 10 (13 Feb)

L1 B `~2 hrs.`

1. Interactive: Create a simple app with multiple screens
2. Certificate: Build your own basic App

L1 C
3. Introduction to Machine learning

Day 11 (14 Feb)

- Extra Day (If Needed)
- Time to do the Certificate work

Day 12 (15 Feb)

- Extra Day (If Needed)
- Time to do the Certificate work

Extra Day (If Needed)