

Making presentations with Marp and AI

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Motivations

- I found it very convenient to make presentations with Marp
- It is easy to present in an online meeting
- You can use AI to make your presentation more effectively and efficiently

Roadmap of this video

- What is Marp?
- How to use Marp?
- How to use AI to make your presentation more effectively and efficiently?
- How to convert your presentation to PPT, PDF and HTML?
 - PPT: Microsoft PowerPoint
 - many people use it
 - PDF: present it more professionally

What is Marp?

- Marp is a markdown presentation tool

```
---  
marp: true  
theme: default  
size: 16:9  
---
```

- How about themes?
 - we do not have so many themes like PowerPoint
 - it is free and open source
 - you can make your own theme
- Use an open source theme

How to change themes?

- Gradient theme

```
https://raw.githubusercontent.com/rnd195/marp-community-themes/live/themes/gradient.css
```

- Paste it to your settings of Vscode
 - i. Open Settings in VSCode (Ctrl + ,)
 - ii. Search for markdown.marp.themes
 - iii. Add a URL or a local path to the .css file

- Change the settings of your markdown file

```
---  
marp: true  
theme: gradient  
size: 16:9  
paginate: true  
---
```

How to convert your presentation to PPT, PDF and HTML?

- This step is very useful if you want to present your slides in a conference or a meeting
- You can convert your slides to PPT, PDF and HTML
- Follow instructions on the website of Marp-cli

```
https://github.com/marp-team/marp-cli
```

Install Docker and use it to convert your slides

- Codespaces has a built-in Docker environment, so you don't need to install Docker on your computer.
- What is docker?
 - Docker is a tool designed to make it easier to create, deploy, and run applications by using containers.
 - Containers allow a developer to package up an application with all of the parts it needs, such as libraries and other dependencies, and deploy it as one package.

- Pull the docker image of Marp-cli

```
docker pull marpteam/marp-cli
```

- Convert slide deck into HTML

```
docker run --rm -v $PWD:/home/marp/app/ -e LANG=$LANG marpteam/marp-cli slide-deck.md
```

