Maju Bareng AI
Onboarding Session

HACKTIV8

Company Overview

Hacktiv8 is an immersive reskilling program (bootcamp) that **transforms beginners into job-ready digital talents**.

Since 2016, we've been dedicated to resolving the tech skills gap by providing a **comprehensive and practical curriculum** that prepares students for successful careers and contributes to Indonesia's economic growth.

With **over 7,200 students trained**, we're driving digital transformation and empowering individuals to thrive in the evolving tech industry.

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Maju Bareng AI

In today's digital era, artificial intelligence (AI) has become a vital part of various industries. From helping automate tasks, analyze data, to improving work effectiveness and efficiency. As this transformation accelerates, the ability to understand and utilize AI is no longer optional—it's essential.

Maju Bareng AI is a program by Hacktiv8, supported by Google.org and the Asian Development Bank. It is designed to equip students and young talents with practical AI skills they can apply in their daily lives—whether they are aspiring **IT Professionals** or **MSME** (micro, small, and medium enterprise) **practitioners**, and also **Educator**. This program empowers participants to face future challenges and seize opportunities in an increasingly tech-driven world.

Program name	**Maju Bareng AI** Supported by Google.org, and Asian Development Bank.
Timeline	2 weeks (each batch)
Main Platform	Kodeid & Google Meet
Training Topics	• **[IT - Developer]** AI Productivity and AI API Integration for Developers • **[IT - Data Scientist]** LLM-Based Tools and Gemini API Integration for Data Scientists • **[MSME]** Boosting MSME Growth through AI • **[Teacher]** Empower Your Teaching with AI

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IT Developer

The Program

AI Productivity and AI API Integration for Developers

This program empowers developers to enhance productivity using AI tools, master prompt engineering, and build AI-driven websites. It also covers implementing Gemini AI API, model configuration, and developing intelligent chatbots with multimodal capabilities.

Total Sessions	Total Durations
4	15 Hours

Sessions

Introduction to AI & Boosting Productivity with AI

- AI, generative AI concepts & ethics
- Prompt engineering for LLM (Large Language Models)
- AI tools for productivity
  - Gemini Code Assist
  - Copilot
  - Cursor
- Introduction to NotebookLM

Building A Website using AI

- Introduction to Gemini Canvas & V0 to build a website
- Explore Gemini Canvas & V0's Features
- Use Effective Prompts
- Leverage Gemini Canvas & V0 Effectively

Implementing Gemini AI Part. 1

- Introduction to Gemini AI API
- Iniliatize model Gemini AI
- Configuration parameter
  - temp
  - top_p
  - top_k
- Text generation, input:
  - image
  - audio
  - text
  - document
- File API

Implementing Gemini AI Part. 2

- Develop Chatbot
- Implementing Gemini AI in Chatbot

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The Program

LLM-Based Tools and Gemini API Integration for Data Scientists

This course equips data scientists with essential LLM integration skills to stay competitive—covering Gemini API, LangChain, and Streamlit. Learn prompt engineering, RAG, and deployment to build and launch intelligent, scalable AI applications using cutting-edge generative AI technology.

Total Sessions	Total Durations
4	15 Hours

Sessions

Introduction to AI & Generative AI with Gemini

- AI & generative AI concepts & ethics
- Introduction to LLM (Large Language Models)
- Introduction to Chatbot
- Hallucinations and Basic Prompting Techniques
- Introduction to Gemini
- Text Generation from Various Types of Input

Implementing Generative AI with Gemini

- Advanced Prompting Techniques
- Google Gemini Configurations:
  - max_output_tokens
  - temperature
  - top_k
  - top_p
- Function Calling

RAG with LangChain

- Introduction to RAG
- Vector Database
- Introduction to LangChain
- Exercises

Building Applications with LLM

- Building an LLM-powered ChatBot with Streamlit
- Deploying Streamlit Apps to Cloud

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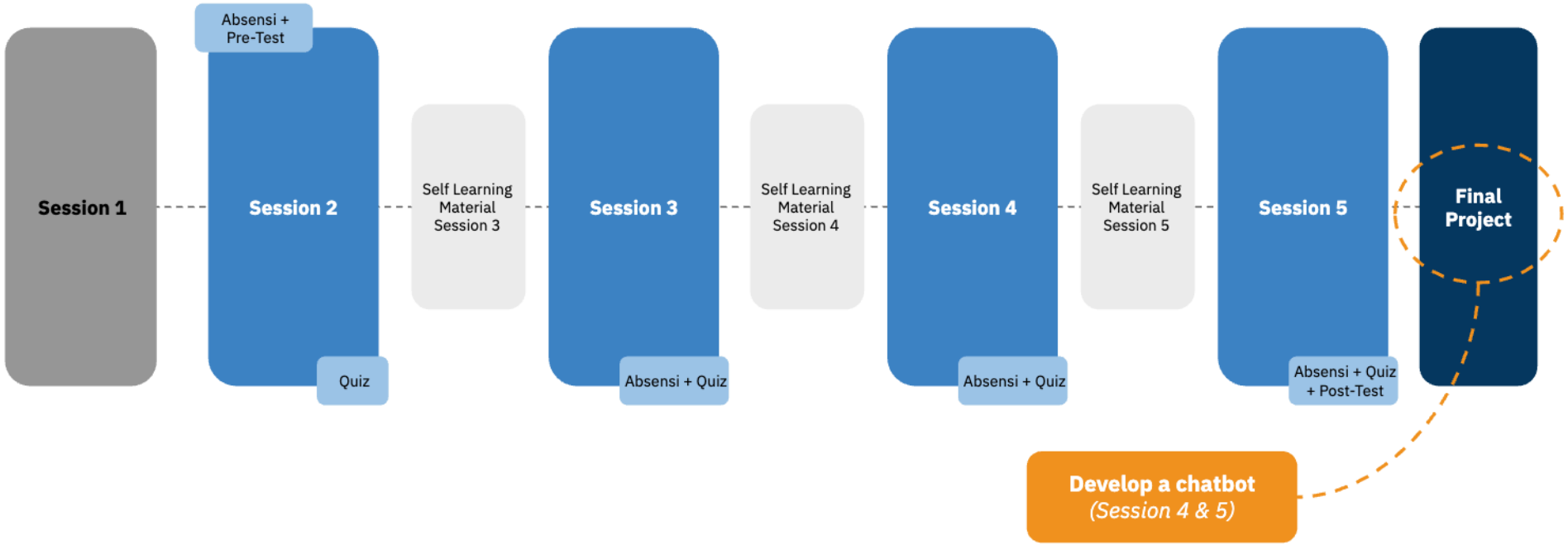
Program Journey



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Program Timeline

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1		Online Session 1	Online Session 2 19.00 - 22.00		Online Session 3 19.00 - 22.00		
2			Online Session 4 19.00 - 22.00		Online Session 5 19.00 - 22.00		Final Project ⭐

Here're you now!

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Checklist To-Do List

Phase	Task	Due Date
Session 1	Presence	Session 1
Session 2	Pre-Test	Session 2
	Quiz 1	
Session 3	Quiz 2	Session 3
Session 4	Quiz 3	Session 4
Session 5	Post-Test	Session 5
	Quiz 4	
Final Project	**Form Submission**: Final Project	H+2 Session 5

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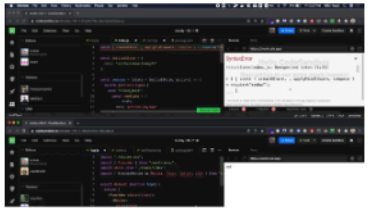
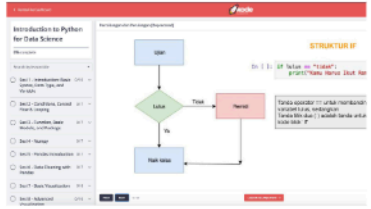
Learning Platform

Google Meet	WhatsApp Group	Google Form	Kode id
Live Classes	Communication platform	Assignment submission management	Participants learning management system

DEMO Kodeid

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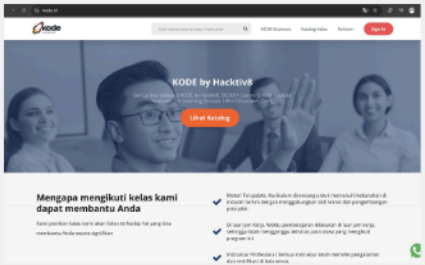
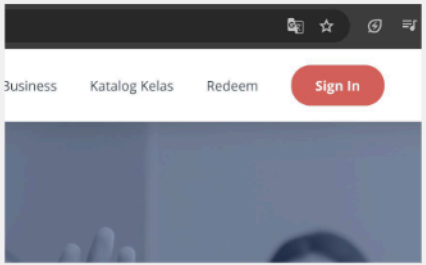
Kode.id

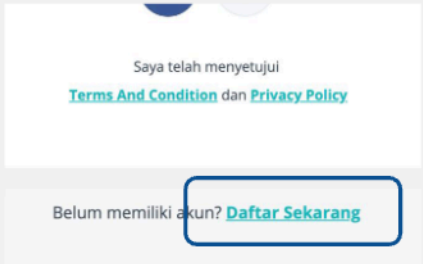
Go to https://kode.id



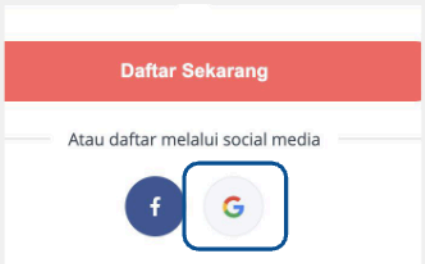
Click **Sign In**



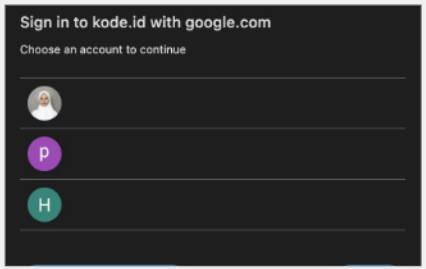
Click **"Daftar Sekarang"**

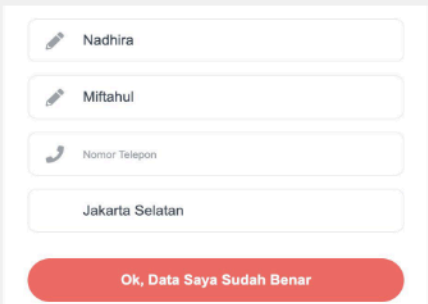


Choose the email you want to use



Choose the email you want to use & complete the process





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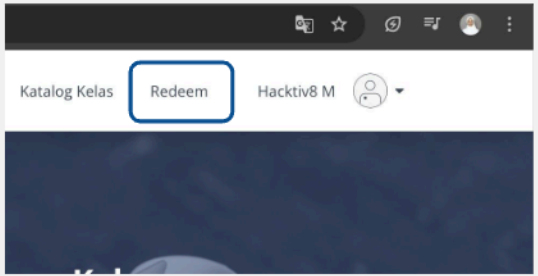
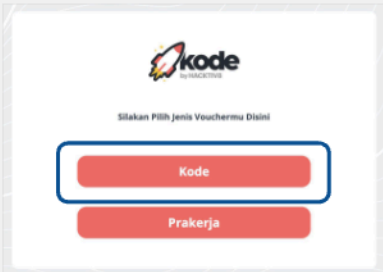
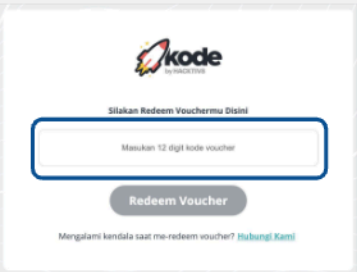
Kode.id

Your account is ready to use.

Redeem Voucher







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Tools

Akan ada Tools yang perlu kamu install ke laptop kamu. Tools untuk program IT Developer akan berbeda dengan tools untuk IT Data Scientist. Unduh (klik) PDF berikut untuk detail lebih lanjut.

IT Developer

IT Data Scientist

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Be Prepared!

Checklist	
✅	Create Kodeid account
✅	Join WhatsApp Group
	Tools Installation
	Laptop & Charger
	Stable Connection
	Notebook & Pen

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Certificate from Hacktiv8

You will receive a certificate from Hacktiv8 if you complete all of the requirements below:

Phase	Task	Due Date
Session 1	Presence	Session 1
Session 2	Presence & Quiz 1	Session 2
Session 3	Presence & Quiz 2	Session 3
Session 4	Presence & Quiz 3	Session 4
Session 5	Presence & Quiz 4	Session 5
Final Project	**Form Submission**: Final Project	H+2 Session 5

✨ Special Reward! ✨

At the end of the program, one exclusive merchandise will be awarded to a lucky participant who completes all training topics within the program* 🎁

**There will be one winner for each training topic.*

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Developers

https://bit.ly/absensimbai

https://forms.gle/v5gw5QDsZ1ryWjHW8

Data Scientist

https://bit.ly/absensi-data-mba

https://forms.gle/nnaC7N9iVtXGC5zV7

Thank You

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