

Course Name : REPLIT AI TRAINING MALAYSIA
Duration : 1 Day (Physical Classroom / Virtual Live Instructor)
Skill Level : Beginner

COURSE DESCRIPTION:

This hands-on, one-day course introduces participants to Replit, a cloud-based development platform with AI-assisted capabilities that enables users to build, test, and deploy applications from a browser. Designed specifically for beginners, the course guides participants through the complete AI-assisted development process—from transforming an idea into clear requirements and writing effective prompts to generating, customizing, testing, debugging, and deploying an application.

Throughout the course, participants will gain practical experience using Replit to create application interfaces, forms, navigation, data-driven features, and interactive functionality while learning how AI can assist with code generation and improvement. By the end of the training, participants will understand the Idea → Prompt → Build → Customize → Test → Debug → Deploy workflow and will have hands-on experience building and deploying their own AI-assisted application.

WHAT WILL YOU LEARN?

In this course, participants will learn how to use Replit to transform ideas into functional applications using AI-assisted development. They will understand the fundamentals of generative AI and vibe coding, learn how to write effective prompts, plan application requirements, generate and improve code, customize interfaces and application logic, and progressively refine applications through natural-language instructions.

Participants will also gain practical experience working with pages, navigation, forms, data, basic frontend and backend concepts, APIs, testing, AI-assisted debugging, and deployment. The course concludes with a hands-on project where participants will build, customize, test, debug, and deploy a functional application, providing practical experience of the complete AI-assisted application development workflow.

PREREQUISITE:

Beginners. No programming or web development experience is required. Participants should have basic computer and internet skills. A laptop with internet access and a Replit account are required for the hands-on exercises.

METHODOLOGY:

This program will be conducted with interactive lectures, PowerPoint presentations, discussions, and practical exercises. This course can be conducted as instructor-led (ILT) or virtual instructor-led training (VILT).

JOB SCOPE:

Upon completion of this course, candidates may gain skills applicable to roles and activities such as:

- AI-Assisted Application Developer
- Digital Solutions / Business Automation Executive
- Entrepreneur / Startup App Creator

MODULE 1: INTRODUCTION TO REPLIT & AI-ASSISTED APP DEVELOPMENT

- Introduction to Generative AI and AI-assisted development
- What is Vibe Coding?
- What is Replit and what can you build with it?
- Exploring the Replit development workspace
- Creating and running your first AI-assisted application

MODULE 2: PROMPTING & PLANNING YOUR APPLICATION

- Turning an idea into clear application requirements
- Writing effective prompts for Replit AI
- Defining pages, features, data, content, and design
- Improving results through iterative prompting
- Common prompting mistakes and best practices

MODULE 3: BUILDING APPLICATIONS WITH REPLIT AI

- Generating an application from a natural-language prompt
- Understanding AI-generated code at a beginner level
- Working with pages, navigation, forms, and interactive components
- Running and previewing your application in Replit
- Making changes using prompts and simple edits
- Reviewing and improving generated application features

MODULE 4: CUSTOMIZING FEATURES, UI & APPLICATION LOGIC

- Customizing layouts, content, and visual design
- Adding and modifying application features
- Understanding basic application logic in simple terms
- Improving user experience and responsive layouts
- Refining the application through AI-assisted iterations

MODULE 5: WORKING WITH DATA & APPLICATION FEATURES

- Understanding frontend, backend, and databases in simple terms
- Storing, retrieving, and displaying application data
- Introduction to user authentication
- Introduction to APIs and external integrations
- Using API keys and environment variables safely
- Adding practical functionality to your application

MODULE 6: TESTING, DEBUGGING & IMPROVING WITH AI

- Testing buttons, forms, links, and application features
- Testing application behavior and responsiveness
- Identifying errors and application problems
- Describing errors clearly to AI
- Using Replit AI to debug and improve the application
- Basic security and responsible AI practices

MODULE 7: DEPLOYING & SHARING YOUR APPLICATION

- Preparing the application for deployment
- Final testing and review
- Deploying your application from Replit
- Creating and sharing a live application URL
- Updating a deployed application
- Introduction to custom domains

HANDS-ON FINAL PROJECT

Participants will build and deploy a functional application using Replit.

Example projects include:

- Expense Tracker
- Training Registration App
- Customer Feedback App
- Employee Leave Request App
- Personal Task Manager
- Event Registration App
- Small Business Dashboard

FINAL WORKFLOW: Idea → Prompt → Build → Customize → Test → Debug → Deploy

CONCLUSION & Q&A

- Review of key concepts
- Replit AI development best practices
- Next steps in AI-assisted application development
- Useful learning resources
- Q&A