

AI Builder

Don't just use AI. Build with it.

Connect AI tools into systems that work on their own, with zero coding.

120

TOTAL HOURS

19

DAYS

15

LEARNING DAYS

3

PROJECT DAYS

TOOLS YOU WILL USE

Custom GPTs

Claude Projects

Gemini Gems

Zapier

Make

n8n

Relevance AI

Voiceflow

Botpress

Lovable

Bolt

Glide

Softer

Airtable

● Hands-on

● Tool-first

● Real projects

● Certificate on completion

120 hours | 19 days | No coding required

Tools may be swapped for the latest equivalents.

PROGRAM OVERVIEW

From Day 1 to Certificate

What you learn, use and build, in one page.

120

TOTAL HOURS

19

DAYS

15

LEARNING DAYS

3

PROJECT DAYS

HOW THE 19 DAYS WORK

Days 1-15 | 90 hrs

6 hrs per day: 4 hrs in class plus a 2 hr home task. Every day ends with something you can show.

Days 16-18 | 24 hrs

8 hrs per day: your capstone project, built at home with mentor check-ins each evening.

Day 19 | 6 hrs

Presentations, jury feedback, awards and certificates.

SKILLS YOU WILL GAIN

Advanced prompts and chains

Design prompts and prompt chains that other tools can rely on.

Custom assistants and agents

Build assistants and agents that fit a real need.

Automate with Zapier, Make, n8n

Replace repetitive work with workflows that run themselves.

Chatbots on your own documents

Create bots that answer from your files with sources.

Launch no-code AI apps

Ship apps with real data, logins and dashboards.

Multi-tool research and content pipelines

Chain tools from research to finished output.

Turn skills into freelance income

Package what you build as paid services.

TOOL STACK

Custom GPTs

Claude Projects

Gemini Gems

Zapier

Make

n8n

Relevance AI

Voiceflow

Botpress

Lovable

Bolt

Glide

Softr

Airtable

+ more added each batch

3RD YEAR

AI Power User

Uses tools

4TH YEAR | THIS PROGRAM

AI Builder

Connects tools into systems

A TYPICAL 6-HOUR LEARNING DAY

1 hr

2 hr

1 hr

2 hr

CONCEPT

A short, clear explanation of the idea and why it matters.

LIVE HANDS-ON

Build along with the mentor, step by step, on real tools.

MINI CHALLENGE

A timed task to test what you just learned.

HOME TASK

Apply it to your own life and finish a shareable output.

WHO IS THIS FOR

Final-year students, 3rd-year program graduates or anyone comfortable with basic AI tools. No coding needed. Hands-on, tool-first, real projects, and a certificate on completion.

01

Advanced Prompting: Think Like a Prompt Engineer

ChatGPT

Claude

Gemini

WHAT YOU WILL ACHIEVE

Move from writing good prompts to engineering them: reusable system prompts, structured outputs and chained steps that other tools can depend on.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Level-up recap: system prompts, personas and role stacking.

System prompts set permanent behaviour. Role stacking blends viewpoints, such as editor plus subject expert plus critic.

1.5h

Structured outputs: tables, templates, checklists and consistent formats.

Force fixed headings, tables and field-by-field templates so every answer has the same shape and can feed the next tool.

1h

Chain prompts: break big tasks into steps and reuse each output.

Split a large job into stages where the output of one step becomes the input of the next, with a quality check in between.

0.5h

Evaluate: compare prompts using a simple scoring sheet.

Score prompt versions on accuracy, completeness, format and tone to prove which one is actually better.

TOOL SPOTLIGHT**ChatGPT**

Custom instructions and structured outputs for repeatable formats.

Claude

Handles long, layered instructions with steady structure.

Gemini

Useful for comparing results and Google-connected tasks.

PRO TIPS

- ◆ Name each step in the chain so you can debug it.
- ◆ Ask for a fixed output format so the next step can read it.
- ◆ Change one thing at a time when testing prompts.

HOME TASK | 2 HOURS**Design a 3-step prompt chain for a real task and score the results.**

- 1 Choose a real task you repeat, such as summarising reports or drafting replies.
- 2 Write three linked prompts and run the chain end to end.
- 3 Score the outputs in your sheet and improve the weakest step.

TODAY'S OUTPUT**Tested prompt chain**

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

02

DAY 02 | 4 HRS IN CLASS + 2 HRS HOME

Your Own AI Assistants

Custom GPTs

Claude Projects

Gemini Gems

WHAT YOU WILL ACHIEVE

Create custom assistants that already know your instructions and documents, so you stop repeating yourself and others can use your work.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Why custom assistants beat generic chats; real use cases.

A custom assistant keeps role, tone and knowledge ready. Study buddies, HR helpers and shop assistants are common examples.

1.5h

Build one with instructions and knowledge files.

Write clear instructions, upload reference files and set the style, scope and format of answers.

1h

Test, break and improve: edge cases and guardrails.

Try tricky, off-topic and unsafe questions, then tighten the instructions until the assistant behaves.

0.5h

Share and use: publish links and collect feedback.

Share a link, watch real people use it and note where it fails.

TOOL SPOTLIGHT

Custom GPTs

Shareable assistants with instructions, files and actions.

Claude Projects

Workspaces holding documents and instructions together.

Gemini Gems

Personal custom assistants inside the Google ecosystem.

PRO TIPS

- ◆ State what the assistant should refuse to do.
- ◆ Keep knowledge files clean and well named.
- ◆ Collect feedback from at least three real users.

HOME TASK | 2 HOURS

Build an assistant for a real need (study buddy, HR helper, shop assistant).

- 1 Define who will use the assistant and what it must never do.
- 2 Write instructions and add 2 to 3 knowledge files.
- 3 Test with 10 questions and fix the failures.

TODAY'S OUTPUT

Working custom assistant

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

03

DAY 03 | 4 HRS IN CLASS + 2 HRS HOME

Research Pipelines

Perplexity

NotebookLM

Claude

Gamma

WHAT YOU WILL ACHIEVE

Chain research tools so information flows from discovery to a finished presentation, with human checks along the way.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Map a pipeline: collect, understand, write, present.

Break research into four stages and decide which tool is best at each one.

1.5h

Chain tools: Perplexity, NotebookLM, Claude, then Gamma.

Find sources in Perplexity, study them in NotebookLM, write in Claude and present in Gamma.

1h

Deep Research reports with human review checkpoints.

Add review gates where you verify sources and correct claims before moving on.

0.5h

Time test: manual method vs AI pipeline.

Time both approaches on the same topic and compare speed and quality.

TOOL SPOTLIGHT

Perplexity

Finds cited sources quickly.

NotebookLM

Studies only the sources you choose.

Claude and Gamma

Write the narrative, then build the deck.

PRO TIPS

- ◆ Verify sources before the writing stage.
- ◆ Keep a source list as you go.
- ◆ Note where the pipeline wasted time and fix it.

HOME TASK | 2 HOURS

Produce a full research deck with your pipeline in under 2 hours.

- 1 Pick a topic and define the question you must answer.
- 2 Run the pipeline, checking sources after the collect stage.
- 3 Finish the deck and record your total time.

TODAY'S OUTPUT

Pipeline-built research deck

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

04

DAY 04 | 4 HRS IN CLASS + 2 HRS HOME

Content and Marketing Engine

ChatGPT

Canva AI

Notion AI

WHAT YOU WILL ACHIEVE

Build a repeatable system that turns one idea into a month of consistent, on-brand content.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Brand voice and audience: build a reusable brand guide with AI.

Define audience, tone, words to use and avoid, then save it as a guide you paste into every prompt.

1.5h

One idea into many formats: blog, email, brochure, flyer, video script.

Take a single message and adapt it for every channel without losing the voice.

1h

Content calendars and briefs in Notion AI.

Plan posts by week, assign formats and write short briefs for each item.

0.5h

Quality control: edit, fact-check and keep it human.

Edit for accuracy and personality so the content does not read as generic AI text.

TOOL SPOTLIGHT

ChatGPT

Drafts copy in many formats from one brief.

Canva AI

Turns copy into on-brand visuals fast.

Notion AI

Calendars, briefs and team documentation.

PRO TIPS

- ◆ Reuse the brand guide in every prompt.
- ◆ Repurpose one strong idea instead of inventing many.
- ◆ Have a human check every fact and claim.

HOME TASK | 2 HOURS

Create a month-long content plan for a local business.

- 1 Interview or research a local business and its audience.
- 2 Build the brand guide and a 4-week content calendar.
- 3 Create sample assets for at least three formats.

TODAY'S OUTPUT

Content plan + sample assets

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

05

DAY 05 | 4 HRS IN CLASS + 2 HRS HOME

Automation Basics with Zapier

Zapier

Google Sheets

Gmail

WHAT YOU WILL ACHIEVE

Understand how automations work and build your first live workflow that runs without you.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Triggers, actions and data flow, explained with real examples.

Every automation starts with a trigger and runs actions on the data it receives. See it with everyday examples.

1.5h

Build first Zaps: form to sheet to email notification.

Connect a form, a spreadsheet and Gmail so a new response is logged and notified automatically.

1h

Add AI steps: summarise, classify and draft replies automatically.

Insert an AI step to summarise messages, label them and draft a response.

0.5h

Test, debug and monitor your automation.

Run test data, read the task history and fix the step that fails.

TOOL SPOTLIGHT

Zapier

Thousands of app connections with simple trigger-action setup.

Google Sheets

A flexible data store for logs and records.

Gmail

Notifications and drafted replies from your own inbox.

PRO TIPS

- ◆ Start with one trigger and one action.
- ◆ Use test data before turning anything on.
- ◆ Watch task usage so you stay within plan limits.

HOME TASK | 2 HOURS

Automate one repetitive task from your own life.

- 1 List three repetitive tasks and pick the simplest.
- 2 Build the Zap and test it with real data.
- 3 Turn it on and check the run history after a day.

TODAY'S OUTPUT

First live automation

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

06

DAY 06 | 4 HRS IN CLASS + 2 HRS HOME

Visual Workflows with Make

Make.com

Google Workspace

AI modules

WHAT YOU WILL ACHIEVE

Build visual, multi-branch workflows that sort and process information automatically.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Scenarios, modules, routers and filters.

A scenario is a chain of modules. Routers split the flow and filters decide which path runs.

1.5h

Build a multi-branch workflow (e.g., sort incoming leads by type).

Create a router that sends each lead to a different sheet, email or notification based on its type.

1h

Connect AI modules for data extraction and writing.

Use AI to extract fields from messy text and to write personalised replies.

0.5h

Error handling and cost control.

Add error routes and keep an eye on operations used per run.

TOOL SPOTLIGHT

Make

Visual canvas with strong routing and data handling.

Google Workspace

Sheets, Gmail and Drive as workflow endpoints.

AI modules

Extraction, classification and writing steps.

PRO TIPS

- ◆ Name every module clearly.
- ◆ Test each branch with its own sample data.
- ◆ Set error handling before sharing a scenario.

HOME TASK | 2 HOURS

Rebuild yesterday's automation in Make and compare the two tools.

- 1 Recreate yesterday's workflow with Make modules.
- 2 Add one branch using a router and a filter.
- 3 Write a short comparison: ease, power, cost.

TODAY'S OUTPUT

Branching workflow

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

07

DAY 07 | 4 HRS IN CLASS + 2 HRS HOME

n8n and Advanced Automation

n8n Cloud

Google Sheets

AI nodes

WHAT YOU WILL ACHIEVE

Use n8n for more powerful workflows and learn how to choose the right automation tool for each job.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

The n8n canvas, nodes and credentials.

Learn how nodes connect, how credentials are stored and how data moves between steps.

1.5h

AI workflow: read email, extract details, update sheet, notify.

Build a flow that reads incoming mail, pulls out key details with AI, updates a sheet and sends an alert.

1h

Schedules and webhooks through point-and-click setup.

Run workflows on a timer or when another app sends a request, with no code.

0.5h

Choosing the right tool: Zapier vs Make vs n8n.

Compare ease, flexibility, pricing and hosting to pick the right tool per project.

TOOL SPOTLIGHT

n8n Cloud

Flexible, developer-friendly automation with deep control.

Google Sheets

Tracks processed mails and results.

AI nodes

Classify, extract and draft inside the workflow.

PRO TIPS

- ◆ Keep a human check on outgoing mail.
- ◆ Store credentials safely and never share them.
- ◆ Log every run so you can find problems quickly.

HOME TASK | 2 HOURS

Build an AI inbox assistant that sorts mails and drafts replies.

- 1 Define the categories your inbox needs.
- 2 Build the flow to classify mail and draft replies.
- 3 Add a human review step before anything is sent.

TODAY'S OUTPUT

AI inbox workflow

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

08

DAY 08 | 4 HRS IN CLASS + 2 HRS HOME

No-code AI Agents, Part I

Zapier Agents

Relevance AI

Gemini

WHAT YOU WILL ACHIEVE

Understand what separates an agent from an automation and build one with a clear goal, tools and boundaries.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Assistant vs automation vs agent: what makes an agent.

Assistants answer, automations follow fixed steps, agents choose steps to reach a goal.

1.5h

Build an agent with a goal, tools and clear instructions.

Give the agent a purpose, connect the tools it may use and write precise instructions.

1h

Give it knowledge: sheets, documents and web access.

Connect data sources so the agent can ground its decisions in real information.

0.5h

Safety: permissions and human approval steps.

Limit what the agent can do and require approval for sensitive actions.

TOOL SPOTLIGHT

Zapier Agents

Agents connected to thousands of apps.

Relevance AI

Build agents and agent teams with knowledge and tools.

Gemini

Reasoning and Google-connected knowledge.

PRO TIPS

- ◆ Give the agent one clear goal.
- ◆ Grant the minimum permissions needed.
- ◆ Require approval for sending, paying or deleting.

HOME TASK | 2 HOURS

Create an agent for one task (lead research, customer replies or scheduling).

- 1 Choose one narrow task with a measurable result.
- 2 Build the agent with only the tools it needs.
- 3 Run 10 test cases and note failures.

TODAY'S OUTPUT

Basic working agent

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

09

DAY 09 | 4 HRS IN CLASS + 2 HRS HOME

No-code AI Agents, Part II

ChatGPT Agent

Claude connectors

Relevance AI

WHAT YOU WILL ACHIEVE

Scale from a single agent to multi-step agents and teams, connected safely to real work apps and measured honestly.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Multi-step agents and agent teams.

Split work between specialist agents, such as researcher, writer and reviewer.

1.5h

Connect agents to email, calendar and drive.

Link real accounts so agents can read, schedule and file under controlled permissions.

1h

Human-in-the-loop design: approvals and checkpoints.

Decide exactly where a person must review or approve before the agent continues.

0.5h

Evaluate agents: success rate, cost and failures.

Track how often the agent succeeds, what it costs and why it fails.

TOOL SPOTLIGHT

ChatGPT Agent

Carries out multi-step tasks with browsing and tools.

Claude connectors

Connect Claude to apps such as email, calendar and drive.

Relevance AI

Agent teams with measurable runs.

PRO TIPS

- ◆ Test with realistic and tricky inputs.
- ◆ Record cost per task, not only success.
- ◆ Keep human approval on irreversible actions.

HOME TASK | 2 HOURS

Improve yesterday's agent and document its performance.

- 1 Pick the biggest weakness from yesterday's tests.
- 2 Improve instructions, tools or approvals and re-test.
- 3 Write a short test report: success rate, cost, failures.

TODAY'S OUTPUT

Agent test report

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

10

DAY 10 | 4 HRS IN CLASS + 2 HRS HOME

Chatbot on Your Own Documents

Voiceflow

Botpress

CustomGPT

WHAT YOU WILL ACHIEVE

Build a chatbot that answers from your documents and cites its sources instead of guessing.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

How document chatbots work: knowledge base and answers with sources.

Documents are split, indexed and retrieved so the bot answers from them and can show where each answer came from.

1.5h

Upload FAQs and manuals; build and tune the bot.

Upload clean documents, set the bot persona and tune how strictly it sticks to the sources.

1h

Conversation design: greetings, fallbacks, human handover.

Plan the welcome message, what to say when the bot does not know and how to pass to a human.

0.5h

Stress test with tricky questions.

Ask vague, off-topic and misleading questions to find weak spots.

TOOL SPOTLIGHT

Voiceflow

Design conversation flows visually.

Botpress

Build, test and deploy chatbots with knowledge bases.

CustomGPT

Quickly create a bot from your website or files.

PRO TIPS

- ◆ Write answers in plain, short sentences.
- ◆ Always provide a human handover option.
- ◆ Keep documents up to date.

HOME TASK | 2 HOURS

Build an FAQ bot for a college club or a local shop.

- 1 Collect 15 to 20 real questions people ask.
- 2 Write or gather clean answers as your documents.
- 3 Build the bot and test every question.

TODAY'S OUTPUT

Document chatbot

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

11

DAY 11 | 4 HRS IN CLASS + 2 HRS HOME

Deploy and Improve Your Chatbot

Botpress

Voiceflow

Telegram

Website embed

WHAT YOU WILL ACHIEVE

Put your chatbot in front of real users, learn from the logs and make it safer and better.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Embed on a website or connect to Telegram.

Publish the bot on a web page or as a Telegram bot so people can actually use it.

1.5h

User testing with classmates; read chat logs and find gaps.

Let classmates try it, then read the logs to see where it failed or confused people.

1h

Guardrails: stay on topic, protect privacy, give safe answers.

Keep the bot on topic, avoid collecting private data and set safe replies for sensitive questions.

0.5h

Measure: questions answered, failures, improvements.

Track answered questions, failures and fixes so improvement is measurable.

TOOL SPOTLIGHT

Botpress

Web embed, channels and analytics in one place.

Voiceflow

Flow design and multi-channel deployment.

Telegram

A simple channel to reach real users fast.

PRO TIPS

- ◆ Read real chat logs every week.
- ◆ Never ask users for sensitive personal data.
- ◆ Version your bot so you can roll back.

HOME TASK | 2 HOURS

Fix the top 5 failures and release version 2.

- 1 Rank failures from the logs by how often they occur.
- 2 Fix the top five with better content or instructions.
- 3 Re-test and release v2 with a short change log.

TODAY'S OUTPUT

Deployed chatbot v2

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

12

DAY 12 | 4 HRS IN CLASS + 2 HRS HOME

Prompt-to-App Building, Part I

Lovable

Bolt

WHAT YOU WILL ACHIEVE

Describe a useful app in plain English, generate a working prototype and improve it with simple instructions.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

From idea to app brief: users, problem, features.

Write who the app is for, the problem it solves and the three features that matter most.

1.5h

Generate a working web app from a plain description.

Turn the brief into a prompt and let the tool generate screens and basic logic.

1h

Iterate with plain-English change requests.

Ask for specific changes, review the result and keep each request small.

0.5h

App reviews: usability checks with classmates.

Ask classmates to try common tasks and note where they get stuck.

TOOL SPOTLIGHT

Lovable

Generates and edits full web apps from chat.

Bolt

Fast prototyping with live previews.

Your brief

The clearer the brief, the better the first draft.

PRO TIPS

- ◆ Start small. One core feature first.
- ◆ Make one change per request.
- ◆ Test on a phone, not just a laptop.

HOME TASK | 2 HOURS

Describe and build a small, genuinely useful app.

- 1 Write a one-page app brief.
- 2 Generate the first version and make five improvements.
- 3 Test with two real users and collect notes.

TODAY'S OUTPUT

App prototype

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

13

DAY 13 | 4 HRS IN CLASS + 2 HRS HOME

Prompt-to-App Building, Part II

Glide

Soifr

Airtable

WHAT YOU WILL ACHIEVE

Add real data, logins and dashboards to your app and publish it for real users.

IN CLASS | 4 HOURS

1h

1.5h

1h

0.5h

1h

Data behind apps: tables and forms in Airtable.

Design tables, fields and forms that store your app data cleanly.

1.5h

Build a data-driven app with login and dashboard (Glide or Soifr).

Connect your data, add user login and create a simple dashboard.

1h

Connect AI and automations to your app.

Add an AI feature or an automation, such as auto-replies or summaries.

0.5h

Publish and share your app.

Publish the app and share a link for testing.

TOOL SPOTLIGHT

Airtable

Friendly database with forms and views.

Glide

Quick data-driven mobile-style apps.

Soifr

Portals and client apps with permissions.

PRO TIPS

- ◆ Plan your tables before building screens.
- ◆ Limit who can see and edit data.
- ◆ Add one automation that saves real time.

HOME TASK | 2 HOURS

Turn your prototype into a usable app with real data.

- 1 Move your prototype data into Airtable.
- 2 Build the app with login and a dashboard.
- 3 Publish it and share with at least three users.

TODAY'S OUTPUT

Published app

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

14

DAY 14 | 4 HRS IN CLASS + 2 HRS HOME

From Skills to Income

Claude

ChatGPT

Notion

WHAT YOU WILL ACHIEVE

Package what you can now build into services, find clients and write proposals with confidence.

IN CLASS | 4 HOURS

1h

1h

1h

1h

1h

Ways to earn: freelancing, AI automation services, micro-products.

Compare income paths: freelance projects, automation services for small businesses and small digital products.

1h

Find clients without social media: job portals, cold email, referrals, local businesses.

Use job portals, short cold emails, referrals and local business outreach to find your first clients.

1h

Proposals, pricing and contracts with AI help.

Draft clear proposals, set prices you can defend and outline simple contract terms.

1h

Case-study building: package your project as a service.

Turn a finished project into a case study that proves what you can do for a client.

TOOL SPOTLIGHT

Claude

Drafts and refines proposals and outreach.

ChatGPT

Brainstorms offers and prices.

Notion

Tracks leads, proposals and projects.

PRO TIPS

- ◆ Sell a clear outcome, not a list of tools.
- ◆ Start with local businesses you can meet.
- ◆ Always agree scope and payment in writing.

HOME TASK | 2 HOURS

Write a service offer and a client proposal.

- 1 Define one service, who it is for and the result it delivers.
- 2 Write a one-page service offer with pricing.
- 3 Draft a proposal for a specific, real prospect.

TODAY'S OUTPUT

Service offer + proposal

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

15

DAY 15 | 4 HRS IN CLASS + 2 HRS HOME

Revision and Project Planning

All tools covered so far

WHAT YOU WILL ACHIEVE

Consolidate the program and plan a capstone that solves a real problem for a real user.

IN CLASS | 4 HOURS

1h

1h

1.5h

0.5h

1h

Rapid-fire quiz and tool speed challenge.

Choose the right tool for each scenario against the clock and explain why.

1h

Showcase of the best home tasks; learn from each other.

Demo your best build and gather ideas from your classmates.

1.5h

Capstone brief: pick a real problem, define success and timeline.

Choose a real problem, decide what success looks like and map the work across three days.

0.5h

Mentor one-on-ones and doubt clearing.

Quick individual sessions to remove blockers before the sprint.

TOOL SPOTLIGHT

Mentor review

Plans are approved before the sprint starts.

Any tool

Use automations, agents, chatbots or apps.

Real user

Find someone who will test your solution.

PRO TIPS

- ◆ Pick a problem you can actually test.
- ◆ Define success with a number.
- ◆ Line up a real user before Day 16.

HOME TASK | 2 HOURS

Finish your capstone plan: problem, tools, timeline.

- 1 Name the user and the problem in two sentences.
- 2 List tools and the success measure.
- 3 Build a day-by-day timeline for Days 16 to 18.

TODAY'S OUTPUT

Approved project plan

- ✓ Saved and clearly named
- ✓ Demo-ready in 1 minute
- ✓ Shared with your mentor

16

Capstone Sprint: Build a Real AI Solution

Three focused days to design, build and prove a working solution for a real user.

Automations

Agents

Chatbots

Apps

THE MISSION

Over three project days you will turn your approved plan into a working AI solution. You will talk to a real user, build the core workflow, add AI and data, test it with people and package everything as a case study. Work solo or in pairs, and every student presents their own part on Day 19.

YOUR 3-DAY SPRINT

DAY 16

8 HOURS AT HOME

8h

Problem discovery with a real user, workflow mapping and the core build.

DAY 17

8 HOURS AT HOME

8h

Integrate AI, data and automation, test with real users and fix issues.

DAY 18

8 HOURS AT HOME

8h

Polish, document, write the case study and rehearse the demo.

WHAT YOU SUBMIT

Working AI solution

A tool, bot, agent or app that runs and solves the problem.

1-page case study

Problem, approach, result and what you learned.

Live demo

A short demonstration showing it running, not just slides.

SUPPORT AND TIPS

- ◆ Get the core flow working before adding extras.
- ◆ Test with at least three real users.
- ◆ Rehearse the demo on a timer and prepare a backup recording.

SUPPORT

Mentor check-ins each evening and a shared doubt group. Work solo or in pairs; every student presents their own part.

19

Demo Day and Certificates

Show your solution running, hear from the jury and celebrate what you built.

Jury panel

Mentors

Guests

THE DAY, HOUR BY HOUR

0.5h

4h

0.5h

1h

0.5h

Setup, tech check and welcome.

Test your screen, accounts, internet and demo flow so everything is ready.

4h

Live demos: 5-7 min each + Q&A. Show it running, not just slides.

Run your solution live, explain the problem and results and answer questions from the jury and audience.

0.5h

Jury feedback, ranking and awards.

Written and spoken feedback from the panel, followed by rankings and awards.

1h

Certificate distribution, group photo and closing.

Receive your certificate and celebrate with your batch.

WHAT THE JURY LOOKS FOR

Clarity of idea

Is the problem and the solution easy to understand?

Quality of output

Does the solution work reliably and look polished?

Smart use of AI tools

Did you choose and combine tools wisely?

Presentation confidence

Do you present clearly and handle questions well?

Real-world value

Would a real user benefit from this?

WHAT YOU WALK AWAY WITH

Completion certificate

Proof of 120 hours of hands-on building.

A working AI solution

A real project you can show and explain.

Live demo and case study

Evidence of what you can deliver.

Custom assistants and a chatbot

Ready-made examples for your portfolio.

Automation and agent experience

Skills in Zapier, Make, n8n and agents.

A service offer to start earning

A package you can pitch to clients.

FINAL WORD

You started as an AI User. You finish as an AI Builder.