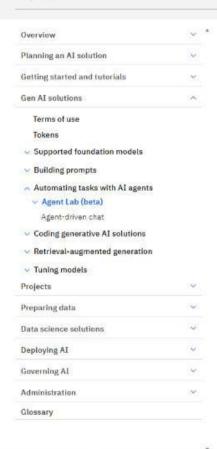


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To build an AI agent, complete the following steps:

- 1. From the watsonx,ai home page, choose a project, and then click the New asset > Build an AI agent to automate tasks tile.
- 2. Select a foundation model and optionally update model parameters. For details, see Foundation model configuration.
- 3. To set up your agent, specify a name for the agent and describe the tasks the agent performs.

Optional: Add some sample questions that the user can submit to start interacting with the agent.

- 4. Optional: Select an icon and background image to customize how your agent appears in the Agent Preview pane.
- 5. Select the AI agent framework you want to use to create, deploy and, manage your agent.

Note: Currently, watsonx.ai offers LangGraph as the only framework choice.

6. Select the architecture that implements agentic AI reasoning.

Note: Currently, watsonx ai offers ReAct as the only architecture choice.

- Define specific instructions for your agent that is used to enhance the system prompt for the foundation model. The instructions can include using a specific language, date or time format, user
 greeting, or an external tool as an information source instead of a foundation model's knowledge base.
- 8. Ground your agent with relevant knowledge by uploading files or connecting to external vector database that contain your vectorized documents. For details about how to add documents to data store in your project, see Adding vectorized documents.
- 9. Select one or more external tools that the agent framework can use to generate a response. You can choose tools from a list of pre-defined tools or create your own custom tool. For details, see Tools configuration.

