ArcGIS Pro AI Assistant (Beta)

Draft document

Table of Contents

ArcGIS Pro AI Assistant (Beta)

The ArcGIS Pro AI Assistant can enhance productivity by helping you complete everyday GIS tasks efficiently. It is embedded in ArcGIS Pro. It uses artificial intelligence to answer your questions on tools and workflows in the application. It can also help you explore data through natural language interaction.

The ArcGIS Pro AI Assistant (Beta) includes the following capabilities:

- **Conversational Help:** the assistant answers ArcGIS Pro help documentation questions in a conversational manner.

- **Generate Graph Queries:** the assistant generates openCypher queries for a given knowledge graph schema. These queries can then be used in knowledge graph workflows.

- **Create Query Layers:** the assistant creates query layers by generating SQL queries for a specified database connection and table schemas.

Use the ArcGIS Pro AI assistant

Follow these steps to access and use the assistant in your work.

1. Ensure that you have ArcGIS Pro 3.4 installed.

2. Install the ArcGIS Pro AI Assistant 3.4 (Beta) by downloading and running the setup provided here:

3. Once installation is complete, open the ArcGIS Pro application and log into an ArcGIS organizational account that allows the use of the AI Assistant and beta features.

   ⚠️ **Caution:**

   The organization you log into must have **Block Esri apps while they are in beta** security app setting turned off to use the ArcGIS Pro AI Assistant.

4. In ArcGIS Pro, on the **Help** tab in the **Assistant** group, click **AI Assistant (Beta)** to open the **AI Assistant (Beta)** pane.

5. Decide how you would like to work with the assistant:

Help	Type a question in the window to begin a help conversation.
Graph Query	Click the **Graph Query** card to select a knowledge graph and ask natural languages questions about it. Learn how to create graph queries with the assistant.
Query Layer	Click the **Query Layer** card to select database tables and ask natural language questions about them. Learn how to create a query layer with the assistant.

6. Continue your conversation by typing follow-up questions to the responses you receive.

Conversation history

Each time you start a new conversation by asking a question, a new conversation thread is created. All conversation threads are persisted locally on your computer and are accessible only to you. Conversation threads are available across all your sessions and projects.

You can access all your conversation threads in the drop-down menu at the top of the **AI Assistant** pane. In this drop-down menu you can change the title of your conversations and delete any conversations you no longer need.

AI assistant options

You can set the Server/Endpoint for the AI assistant framework from the AI Assistant **Options** dialog box. On the **Help** tab in the **Assistant** group, click the dialog box launcher button to open the **Options** dialog box

Feedback

You can provide feedback for the responses you receive from the assistant. To do this, hover the mouse over the response for which feedback is to be provided, click on the **Good** or **Poor** feedback buttons and then add your comments.

Your feedback improves the quality of responses and the overall experience of using the AI Assistant.

Limitations

AI technology has inherent limitations. Be aware that the suggestions generated using artificial intelligence might be misleading or inaccurate.

ArcGIS Pro AI Assistant (Beta) 3.4 is available in English only.

Data security and privacy

Your user data is not saved or used to train this AI assistant.

Bias

To avoid potentially reinforcing any unintentional biases in the AI models used by the assistant, use human judgment when interpreting and acting upon the output of the assistant.

Related topics

Create a graph query with the AI Assistant
Create a query layer with the AI Assistant

Create a graph query with the AI Assistant

Use the AI Assistant to generate openCypher queries for a specified knowledge graph schema by asking questions in natural, conversational language. Resulting queries can then be used in knowledge graph workflows

Follow these directions to query a knowledge graph using the assistant:

1. Click **New Conversation** to begin a new conversation. Alternatively you can type the slash `/` character in the window to start a new conversation.

2. Click the **Graph Query** card in the **AI Assistant (Beta)** pane.

3. In the **Data Connection** drop-down menu select the knowledge graph to query.

4. Type a question in the window in natural language to get information from the knowledge graph in the form of a graph query.

5. Continue your conversation by typing follow-up questions.

Related topics

Create a query layer with the AI Assistant

Create a query layer with the AI Assistant

You can create query layers by connecting to a database then using the AI Assistant to ask natural language questions about it. The assistant generates SQL queries for a specified database connection and table schemas that can be added to a map as a query layer.

Follow these directions to create query layers using the assistant:

1. Click **New Conversation** to begin a new conversation. Alternatively you can type the slash `/` character in the window to start a new conversation.

2. Click the **Query Layer** card in the **AI Assistant (Beta)** pane.

3. Select a database and tables from the combo box to set the data context for your conversation.

4. Type a question in the window in natural conversational language to get information from the selected tables. If the generated query is valid, the **Add to Current Map** button appears.

5. With a valid query, click **Add to Current Map** to add the query as a query layer in the current map.

6. Optionally expand the **Explanation** section to understand how the SQL query was generated.

Related topics

Create a graph query with the AI Assistant