

Declarative agent with VS Code

Create your agent

We are going to recreate the learning coach ([copilot-pro-dev-samples/samples/da-LearningCoach at main · pnp/copilot-pro-dev-samples · GitHub](https://github.com/pnp/copilot-pro-dev-samples/tree/main/samples/da-LearningCoach))

- Open your Visual Studio Code
- Select your Teams Toolkit (left navigation)
- Click **Create new App**
- Click **Agent**
- Click **Declarative Agent**
- Click **No plugin**
- **Select a folder**
- **Name the agent “VSLearningAgent”**
- This will open a new VSCode window with the structure
- Open **declarativeAgent.json**
- **Change** the name and description, if you want, you can download the description from [copilot-pro-dev-samples/samples/da-LearningCoach/appPackage/loc/manifest.en-US.json at main · pnp/copilot-pro-dev-samples · GitHub](https://github.com/pnp/copilot-pro-dev-samples/tree/main/samples/da-LearningCoach/appPackage/loc/manifest.en-US.json)
- Add the following

```
"conversation_starters": [
```

```
{  
  "title": "",  
  "text": ""  
}  
]
```

- Add all 6 conversation starters you find in [copilot-pro-dev-samples/samples/da-LearningCoach/appPackage/loc/manifest.en-US.json at main · pnp/copilot-pro-dev-samples · GitHub](https://github.com/pnp/copilot-pro-dev-samples/tree/main/samples/da-LearningCoach/appPackage/loc/manifest.en-US.json)
- Add the following

```
"capabilities": [
```

```
{
  "name": "OneDriveAndSharePoint"
},
{
  "name": "GraphConnectors"
}
]
```

- Change the icon by overwriting the color.png by <https://github.com/pnp/copilot-pro-dev-samples/blob/main/samples/da-LearningCoach/appPackage/color.png>
- Change the icon by overwriting the outline.png by <https://github.com/pnp/copilot-pro-dev-samples/blob/main/samples/da-LearningCoach/appPackage/outline.png>
- Replace the content of instruction.txt with [copilot-pro-dev-samples/samples/da-LearningCoach/appPackage/instruction.txt](https://github.com/pnp/copilot-pro-dev-samples/blob/main/samples/da-LearningCoach/appPackage/instruction.txt) at main · pnp/copilot-pro-dev-samples · GitHub
- Open **manifest.json**
- Update **the name, description** just as we did in the **declarativeAgent.json**
- Go to **Teams Toolkit**
- Click **Provision** under **Lifecycle**
- Go to <https://m365.cloud.microsoft/chat> and test your agent

Exercises

1. Augment your agent so it also supports CodeInterpreter and ImageGeneration
2. Generate from scratch a new agent that is going to help the students from Bellow University find information about the policy to change their master's degree.

Download the source document from: [Content/Bellows College Master Degree Change.docx at main · jesegher/Content](#)