

Getting Started with Voitta

Prerequisites:

- Python installed on your system
- Terminal/command line access
- An LLM API key (for whichever language model you'll be using: we currently support OpenAI, Anthropic and Gemini)

Installation & Setup:

1. Setup workspace

- Create an empty folder for your Voitta projects
- Open terminal and navigate to this folder

2. Install Voitta

```
bash
```

```
pip install https://hubserver.voitta.ai/voitta_ai-0.1.218-py3-none-any.whl
```

3. Launch Jupyter Lab

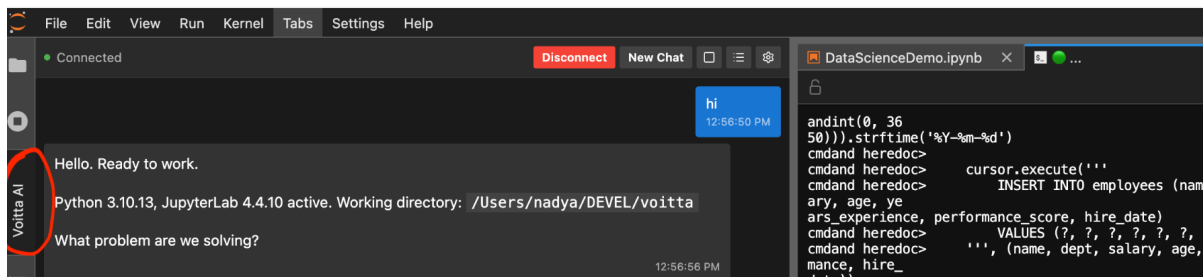
```
bash
```

```
jupyter lab
```

Your browser should open automatically with Jupyter Lab interface

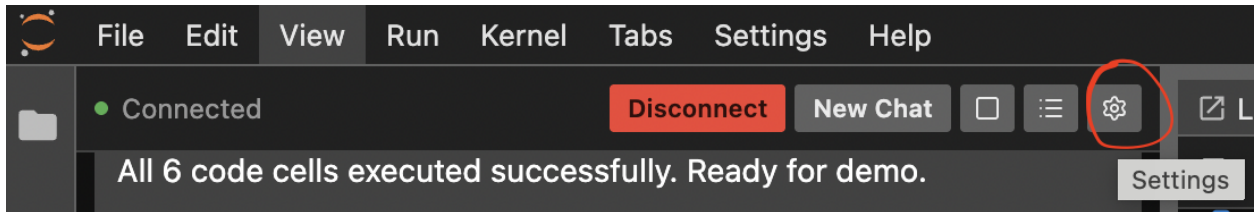
4. Initialize Voitta AI

- Look for and click the Voitta AI tab in Jupyter Lab (left side of the screen)

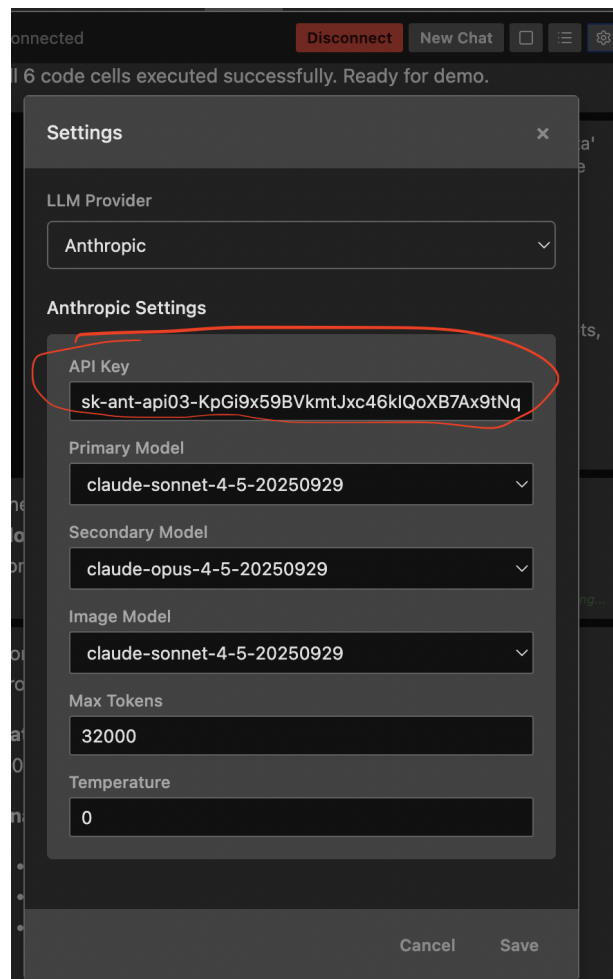


5. Configure your LLM connection

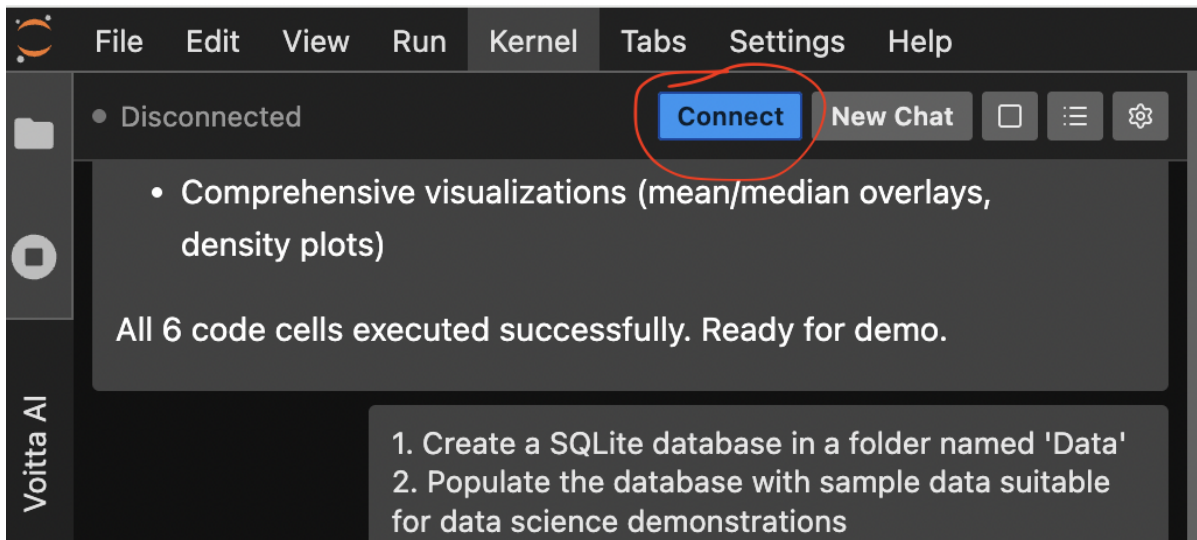
- Click on the Settings icon



- Add your LLM API key in the designated field



- Click "Connect" to establish the connection



6. **Accept the terms**

- Review and accept the License Terms when prompted

You're ready to use Voitta! You can now start creating notebooks and using Voitta's AI features within Jupyter Lab.

Data Science Demo Workflow

Prerequisites

1. Manually create a `DataScienceDemo` notebook in your Jupyter environment

Voitta AI Prompt

Use the following prompt in Voitta AI:

In the `DataScienceDemo` notebook, complete the following tasks:

1. Create a SQLite database in a folder named 'Data'
2. Populate the database with sample data suitable for data science demonstrations
3. Add clear markdown comments to each cell explaining the purpose and functionality
4. Create cells that introspect the database and display:
 - Distribution of values for all numerical columns
 - Appropriate visualizations (histograms, box plots, etc.)

Target audience: Data Scientists

Goal: Demonstrate database interaction and exploratory data analysis capabilities