

Step-by-Step Guide to Execute the TradeBot AI Project

- **Start PyCharm**

Open up PyCharm on your system and let it load fully.

- **Open the Project Folder**

Go to **File** → **Open**, and select the folder where your project is saved. It'll take a moment to index.

- **Check or Set Up the Environment**

If it's a new setup, PyCharm might ask you to configure a Python interpreter—preferably a virtual environment. It's cleaner and avoids conflicts.

- **Install Dependencies**

Open the built-in terminal in PyCharm (bottom panel) and run:

```
pip install -r requirements.txt
```

- **Run the Application Script**

Find your backend file—usually `app.py` or `main.py`. Right-click and choose **Run**, or use:

```
python app.py
```

Wait for the terminal to say it's running on something like <http://127.0.0.1:5000>.

- **Open the Web Interface**

Copy that link and open it in your browser. This is your chatbot's front-end.

- **Start Using the Chatbot**

Type in queries like “What’s the trend for Tesla this week?” or input stock tickers. The chatbot will analyze data, talk to the LLM, and reply with insights.

- **View Responses and Charts**

The app might return predicted trends, short-term analysis, and even charts if it's integrated with something like matplotlib or plotly.

- **Wrap Up When You're Done**

To stop the server, go back to the terminal and press `Ctrl + C`.