

# Using Tavily AI Search API

Tavily is an AI search API designed specifically for LLM applications. It provides highly relevant search results by combining web search with AI processing.

To use Tavily, you'll need to:

1. Sign up for an API key at [tavily.com](https://tavily.com)
2. Install the Python package.

```
import os

from tavily import TavilyClient

# Retrieve the API key from the environment variable
TAVILY_API_KEY = os.getenv('TAVILY_API_KEY')

if TAVILY_API_KEY is None:
    raise ValueError("API key not found. Please set the TAVILY_API_KEY environment variable.")

# Initialize the TavilyClient with the retrieved API key
tavily_client = TavilyClient(api_key=TAVILY_API_KEY)

# Make a search request
response = tavily_client.search("Who is Leo Messi?")

# Print the response
print(response)
```