Ollama Installation

Ollama is a LLM tool (Large Language Models) locally on your machine. It supports models like LLaMA, Mistral, Gemma etc.,

Prerequisites

Requirement	Specifications
OS	Windows 10/11 (64-bit)
RAM	At least 8GB (16GC recommended)
Disk Space	4-8GB (per model)

Step 1: Download & Install Ollama

- Official Website: *https://ollama.com/download*
- Add Ollama to '***system path'*** (environment variables)

Step 2: Launch Ollama (from Command Prompt)

Once installed, open CMD and run

- **ollama run llama2**

Pull Mistral Model

- To pull Mistal model: ***ollama pull mistral***
- To run Mistral model: ***ollama run mistral***

List and Manage Models

- List of downloaded Models: ***ollama list***
- Delete a Model: ***ollama rm mistral***

```
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama list
NAME              ID              SIZE      MODIFIED
llama2:7b         78e26419b446    3.8 GB    7 days ago
mistral:latest    f974a74358d6    4.1 GB    3 weeks ago

C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>
```


C:\Windows\System32\cmd.exe - ollama run mistral
Microsoft Windows [Version 10.0.19045.5965]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama list
NAME ID SIZE MODIFIED
llama2:7b 78e26419b446 3.8 GB 7 days ago
mistral:latest f974a74358d6 4.1 GB 3 weeks ago
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama rm llama2
Error: model 'llama2' not found
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama rm llama2:7b
deleted 'llama2:7b'
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama list
NAME ID SIZE MODIFIED
mistral:latest f974a74358d6 4.1 GB 3 weeks ago
C:\Users\Windows10 Pro\AppData\Local\Programs\Ollama>ollama run mistral
>>> Explain about Data Science in 3-4 lines
Data Science is a multidisciplinary field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from structured and unstructured data. It combines concepts
from mathematics, statistics, computer science, and domain expertise to analyze and interpret complex data, make predictions or decisions, and provide valuable insights to drive decision-making processes.
Its applications span various industries such as finance, healthcare, marketing, sports, and more.
>>> Send a message (/? for help)