




Tutorials

Below are links to video tutorials and courses on LangChain. For written guides on common use cases for LangChain, check out the [use cases guides](#).

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DeepLearning.AI courses

by [Harrison Chase](#) and [Andrew Ng](#)

- [LangChain for LLM Application Development](#)
-  [LangChain Chat with Your Data](#)

Handbook

[LangChain AI Handbook](#) By **James Briggs** and **Francisco Ingham**

Short Tutorials

[LangChain Crash Course - Build apps with language models](#) by [Patrick Loeber](#)

[LangChain Crash Course: Build an AutoGPT app in 25 minutes](#) by [Nicholas Renotte](#)

[LangChain Explained in 13 Minutes | QuickStart Tutorial for Beginners](#) by [Rabbitmetrics](#)

Tutorials

LangChain for Gen AI and LLMs by James Briggs

- #1 Getting Started with [GPT-3](#) vs. Open Source LLMs
- #2 Prompt Templates for [GPT 3.5](#) and other LLMs
- #3 LLM Chains using [GPT 3.5](#) and other LLMs
- [LangChain Data Loaders, Tokenizers, Chunking, and Datasets - Data Prep 101](#)
- #4 Chatbot Memory for [Chat-GPT](#), [Davinci](#) + other LLMs
- #5 Chat with OpenAI in LangChain

- #6 Fixing LLM Hallucinations with Retrieval Augmentation in LangChain
- #7 LangChain Agents Deep Dive with GPT 3.5
- #8 Create Custom Tools for Chatbots in LangChain
- #9 Build Conversational Agents with Vector DBs
- Using NEW MPT-7B in Hugging Face and LangChain
- 🤖 MPT-30B Chatbot with LangChain

LangChain 101 by Greg Kamradt (Data Indy)

- What Is LangChain? - LangChain + ChatGPT Overview
- Quickstart Guide
- Beginner Guide To 7 Essential Concepts
- Beginner Guide To 9 Use Cases
- Agents Overview + Google Searches
- OpenAI + Wolfram Alpha
- Ask Questions On Your Custom (or Private) Files
- Connect Google Drive Files To OpenAI
- YouTube Transcripts + OpenAI
- Question A 300 Page Book (w/ OpenAI + Pinecone)
- Workaround OpenAI 's Token Limit With Chain Types
- Build Your Own OpenAI + LangChain Web App in 23 Minutes
- Working With The New ChatGPT API
- OpenAI + LangChain Wrote Me 100 Custom Sales Emails
- Structured Output From OpenAI (Clean Dirty Data)
- Connect OpenAI To +5,000 Tools (LangChain + Zapier)
- Use LLMs To Extract Data From Text (Expert Mode)
- Extract Insights From Interview Transcripts Using LLMs
- 5 Levels Of LLM Summarizing: Novice to Expert
- Control Tone & Writing Style Of Your LLM Output
- Build Your Own AI Twitter Bot Using LLMs
- ChatGPT made my interview questions for me (Streamlit + LangChain)
- Function Calling via ChatGPT API - First Look With LangChain
- 🤖 Extract Topics From Video/Audio With LLMs (Topic Modeling w/ LangChain)

LangChain How to and guides by Sam Witteveen


- LangChain Basics - LLMs & PromptTemplates with Colab
- LangChain Basics - Tools and Chains
- ChatGPT API Announcement & Code Walkthrough with LangChain
- Conversations with Memory (explanation & code walkthrough)
- Chat with Flan20B
- Using Hugging Face Models locally (code walkthrough)
- PAL : Program-aided Language Models with LangChain code
- Building a Summarization System with LangChain and GPT-3 - Part 1
- Building a Summarization System with LangChain and GPT-3 - Part 2
- Microsoft's Visual ChatGPT using LangChain
- LangChain Agents - Joining Tools and Chains with Decisions
- Comparing LLMs with LangChain
- Using Constitutional AI in LangChain
- Talking to Alpaca with LangChain - Creating an Alpaca Chatbot
- Talk to your CSV & Excel with LangChain
- BabyAGI : Discover the Power of Task-Driven Autonomous Agents!
- Improve your BabyAGI with LangChain
- Master PDF Chat with LangChain - Your essential guide to queries on documents
- Using LangChain with DuckDuckGO Wikipedia & PythonREPL Tools
- Building Custom Tools and Agents with LangChain (gpt-3.5-turbo)
- LangChain Retrieval QA Over Multiple Files with ChromaDB
- LangChain Retrieval QA with Instructor Embeddings & ChromaDB for PDFs
- LangChain + Retrieval Local LLMs for Retrieval QA - No OpenAI!!!
- Camel + LangChain for Synthetic Data & Market Research
- Information Extraction with LangChain & Kor
- Converting a LangChain App from OpenAI to OpenSource
- Using LangChain Output Parsers to get what you want out of LLMs
- Building a LangChain Custom Medical Agent with Memory
- Understanding ReACT with LangChain
- OpenAI Functions + LangChain : Building a Multi Tool Agent
- What can you do with 16K tokens in LangChain?
- Tagging and Extraction - Classification using OpenAI Functions
- 🤖 HOW to Make Conversational Form with LangChain

LangChain by Prompt Engineering

- [LangChain Crash Course — All You Need to Know to Build Powerful Apps with LLMs](#)
- [Working with MULTIPLE PDF Files in LangChain: ChatGPT for your Data](#)
- [ChatGPT for YOUR OWN PDF files with LangChain](#)
- [Talk to YOUR DATA without OpenAI APIs: LangChain](#)
- [Langchain: PDF Chat App \(GUI\) | ChatGPT for Your PDF FILES](#)
- [LangFlow: Build Chatbots without Writing Code](#)
- [LangChain: Giving Memory to LLMs](#)
- [BEST OPEN Alternative to OPENAI 's EMBEDDINGS for Retrieval QA: LangChain](#)

LangChain by Chat with data

- [LangChain Beginner's Tutorial for Typescript/Javascript](#)
- [GPT-4 Tutorial: How to Chat With Multiple PDF Files \(~1000 pages of Tesla's 10-K Annual Reports\)](#)
- [GPT-4 & LangChain Tutorial: How to Chat With A 56-Page PDF Document \(w/Pinecone\)](#)
- [LangChain & Supabase Tutorial: How to Build a ChatGPT Chatbot For Your Website](#)
- [LangChain Agents: Build Personal Assistants For Your Data \(Q&A with Harrison Chase and Mayo Oshin\)](#)

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