

**Generative AI** with JavaScript

## Series introduction

## **Generative Al**

# Generative AI with JavaScript

# Al with JavaScript?

- · Seamless full stack integration
- · Rich ecosystem of libraries
- Native asynchronous programming
- Community and resources

LangChain.js



**Embeddings** 

Development





Phi-3

Retrieval-Augmented Generation

**Training** 

GPT-4

Responsible Al





**Production** 



Large Language Models

Deployment

Prompt engineering

Data ingestion

**Tokens** 

**Azure** 



Local inference

OpenAI SDK

Vector search

**Evaluation** 

Chatbots



Small Language Models

Context



### Al Chat with Enterprise Data

#### Ask anything or try an example

How to search and book rentals?

What is the refund policy?

How to contact a representative?



Ask me anything...





### Resources

Intro to LLMs training <u>aka.ms/genai/llms</u>

Serverless Al chat demo <u>aka.ms/genai/rag</u>

• Azure OpenAl quickstart <u>aka.ms/ai/js/azure-quickstart</u>

