Vercel AI SDK Guide

Vercel AI SDK is a TypeScript library for building AI-powered applications.

Key Features:
1. streamText - Handles streaming text responses from LLMs.
2. useChat - React hook for automatic chat UI state management.
3. embed and embedMany - Embedding functions that convert text to vectors.
4. generateObject - Generates structured JSON output from LLMs.

Supported Models: OpenAI GPT-4o, Anthropic Claude, Google Gemini Pro, Mistral.

Installation: npm install ai @ai-sdk/openai

The AI SDK abstracts away provider differences making it easy to switch between models.