



# CDW Documentation

## AI Chatbot with Sentiment and In Kind Responses

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# AI Chatbot wit Sentiment and In Kind Responses

## Requirements

### 1. Azure Resources Checklist

Resource Type	Name (per your setup)	Notes
Function App	dehamerfuncapp	Your C# Azure Function app
Storage Account	Linked to Function App	Required for deployment—should auto-create if -functions-version specified
Azure Cognitive Services (Text Analytics)	dehamersentimentai	For sentiment classification
Azure OpenAI	don-openai-useast	For GPT-4.1-based reply generation

## Prerequisites

Install These

```
brew install dotnet-sdk #This will be version 9 which will not work but gives you the rest of the stuff needed.  
brew install azure-cli
```

Install this from the webpage and follow directions. [dotnet 8.x](#)

Then these

```
dotnet add package Microsoft.Azure.Functions.Worker.Extensions.OpenApi --version 1.4.0  
dotnet --list-sdks  
dotnet add package Azure.AI.TextAnalytics --version 5.3.0  
dotnet add package Azure.AI.OpenAI --version 2.0.0
```