



Semantic Kernel

Demos & Resources

Smart Components Demo

- Smart Paste
- Smart TextArea
- Smart ComboBox
- Local Embeddings

AdventureWorks Demo

- Use Embeddings to show Similar Products
- Use Embeddings to sort Categories

RAG using SK, EF and AzureSQL Demo

- Configure Azure SQL for Vector Search
- Configure tables for vector storage
- Perform similarity searching using Entity Framework

Plus a lab for you to create it yourself:

<https://github.com/JasonHaley/develop-rag-app-sk-ef-azure-sql-db>

Resources

- Semantic Kernel
 - <https://github.com/microsoft/semantic-kernel>
- Smart Components
 - <https://github.com/dotnet/smartcomponents>
- EFCore.SqlServer.VectorSearch
 - <https://github.com/efcore/EFCore.SqlServer.VectorSearch>
- How to add genuinely useful AI to your webapp (not just chatbots)
 - <https://www.youtube.com/watch?v=TSNAvFJoP4M>
- eShopSupport
 - <https://github.com/dotnet/eShopSupport>