DEEP DIVE INTO AI INNOVATIONS

with .NET 9 and GitHub Models



Dual Microsoft MVP (AI & Azure)





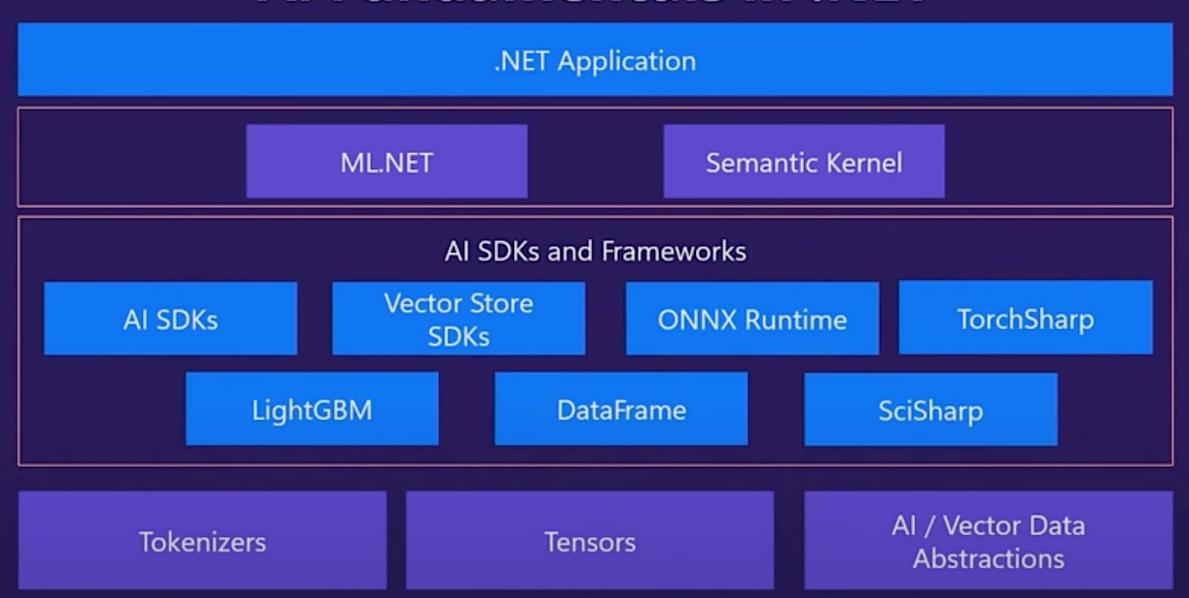
@m3rtyeter



/in/mertyeter



Al Fundamentals in .NET



New in .NET 9

Tokenizers

- Tiktoken
 - GPT (3,3.5,4,4o,o1)
 - Llama 3
- SentencePiece
 - Llama 2
 - Mistral
- Codegen
 - Phi 2
 - Codegen
- WordPiece
 - BERT-based models

TensorPrimitives

- Nearly 200 overloads for mathematical operations
- SIMD-optimized for better performance.
- Generic overloads

Tensor<T> (Preview)

- Built on top of TensorPrimitives
- Seamless interop between
 Al libraries
- Easy and efficient data manipulation of multidimensional data

merhaba

Clear

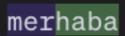
Show example

Tokens

Characters

2

7



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Clear

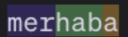
Show example

Tokens

Characters

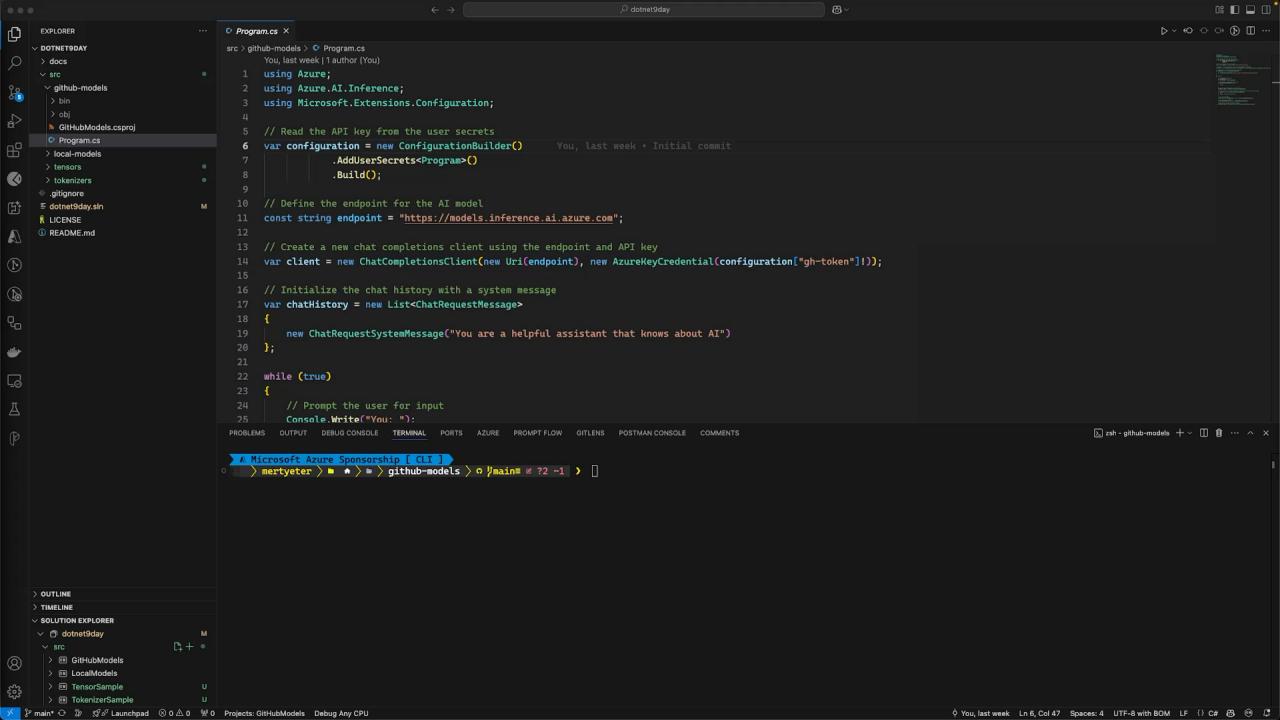
3

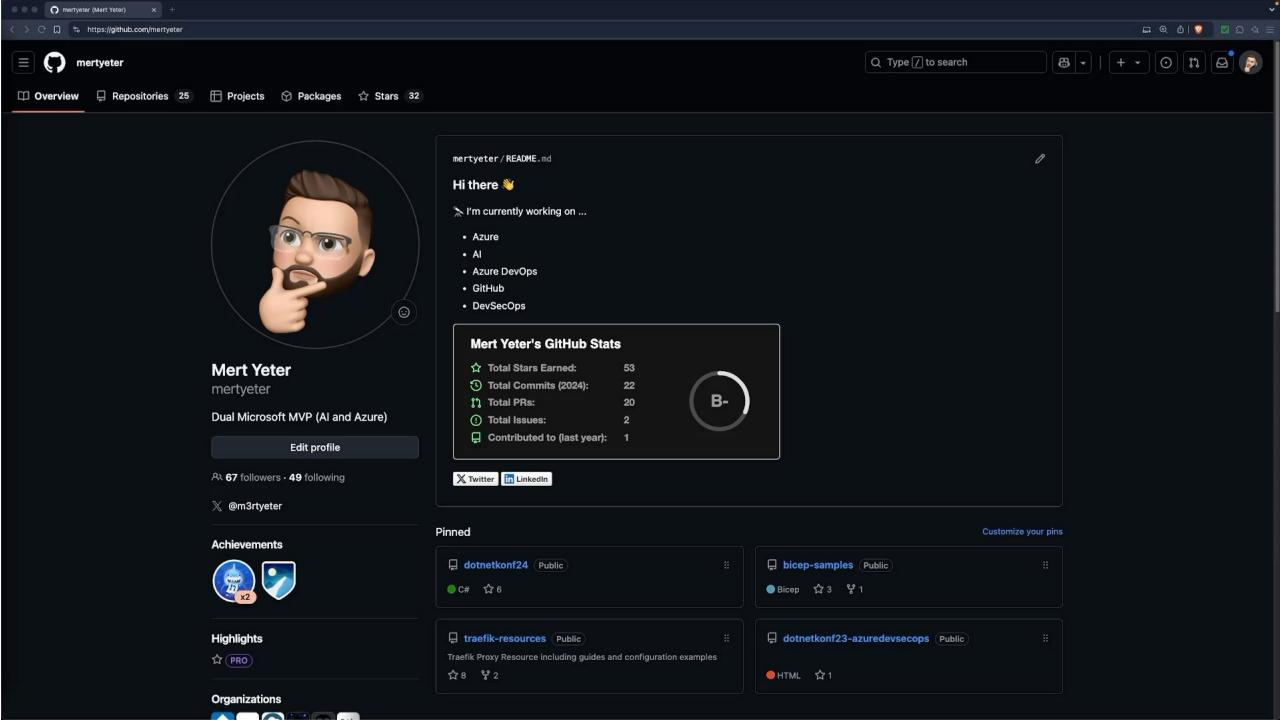
7



```
mirror_object
peration == "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
 _operation == "MIRROR_Y"
Irror_mod.use_x = False
irror_mod.use_y = True
### Irror_mod.use_z = False
  operation == "MIRROR_Z"
  rror_mod.use_x = False
  lrror_mod.use_y = False
  lrror_mod.use_z = True
  election at the end -add
  ob.select= 1
   er_ob.select=1
ntext.scene.objects.act
  er ob.select=1
  "Selected" + str(modific
   irror ob.select = 0
 bpy.context.selected_obj
  lata.objects[one.name].sel
  int("please select exaction
  -- OPERATOR CLASSES ----
```

x mirror to the selected
ject.mirror_mirror_x"
ror X"

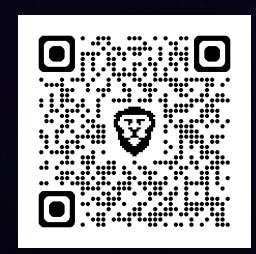




https://azure.github.io/ai-app-templates/?tags=dotnetCsharp https://azure.github.io/ai-app-templates/?tags=dotnetCsharp https://azure.github.io/ai-app-templates/?tags=dotnetCsharp

Build with Al

Get started with AI application templates. Edit and deploy to Azure using VS Code or GitHub Codespaces.



Featured AI templates

New to Microsoft Azure? Try for free [2]



