

⚙️ Model Configuration

Select Model Architecture:

- ☒ CodeT5 Base (Pre-trained)
- ☐ Custom Tiny Transformer (Scratch)

🤖 AI Code Assistant: Model Comparison

Compare CodeT5 Base vs Custom Tiny Transformer for Code Analysis & Generation.

📄 **Input Code (Python)**

Paste your code here:

```
def calculate_sum(a, b):  
    return a + b
```

🚀 Analyze & Generate

Output: CodeT5 Base (Pre-trained)

💬 Generated Summary / Docstring

Output: :

🛡️ Error & Warning Detection

✅ No syntax errors or warnings detected.

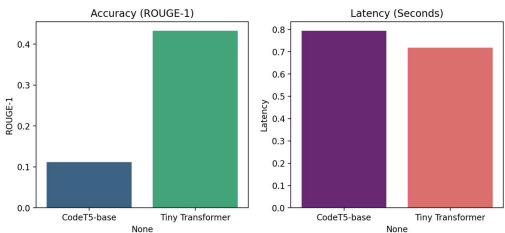
🔧 Fix Suggestions

None

📊 Model Detail & Performance

Accuracy & Latency Metrics

	BLEU	ROUGE-1
CodeT5-base	0	0.1119
Tiny Transformer	0	0.433



> 📖 Deep Dive: CodeT5 vs Tiny Transformer

> ⓘ About this Application