Figure 6: Gradio Web Dashboard Interface

🔧 FaultFormer: Intelligent Bearing Diagnosis Dashboard

Upload Vibration File (.mat)

Drop file here or click to upload

Supported: .mat files

Examples:

Diagnosis Result

✅ **Diagnosis: Healthy**

Confidence: 98.7%

Model Attention (Looking for Healthy patterns)

← High Attention   Low Attention →

Time

Class Probabilities

Healthy	98.7%
Inner Race	0.8%
Outer Race	0.5%