# Core ML Libraries

torch>=2.1.0

transformers>=4.35.0

datasets>=2.14.0

accelerate>=0.24.0

peft>=0.6.0

# Evaluation Metrics

evaluate>=0.4.1

rouge-score>=0.1.2

sacrebleu>=2.3.1

# Data Processing

numpy>=1.24.0

pandas>=2.0.0

scikit-learn>=1.3.0

# Visualization

matplotlib>=3.7.0

seaborn>=0.12.0

# Interactive Demo

gradio>=4.0.0

# Jupyter Environment

jupyter>=1.0.0

notebook>=7.0.0

ipywidgets>=8.0.0

# Utilities

tqdm>=4.66.0

# Google Colab Specific (for reference)

# google-colab (pre-installed in Colab)