Training tools and Workflow

AI fine-tuning

| Professional psychological corpus 40% |
| Empathetic dialogue 40% |
| General Dialogue 20% |

→ **Production of Mixed Datasets**

Upload Dataset ↓

Huggingface

| Lora |
| SFT |

→ Fine-tune on the basis of large models
unsloth/DeepSeek-R1-Distill-Llama-8B

Sensor Data Reception

| Integrated sensor (HRV/HR/Temp/BR) | GSR sensor |

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arduino UNO Sensor Monitoring

Physiological Data Real-time Transmission ↓

Python Emotion Recognition and Classification

Assessment result Real-time transmission

your close friend-empathy-bot

Upload the large model

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Proactively Inquire

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Multi-turn empathetic dialogue