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# Portable PsyAgent Quick Start Guide

## 1. Introduction

Portable PsyAgent is a portable psychological assessment agent system that supports multi-dimensional personality assessment, analysis evaluation, and stress testing of AI agents. This guide will help you quickly get started with the system.

## 2. System Requirements

* Python 3.8 or higher
* Windows, Linux, or macOS operating system
* Ollama (recommended for local models)

## 3. Installation Steps

### 3.1 Clone the Project

git clone https://github.com/ptreezh/AgentPsyAssessment  
cd AgentPsyAssessment

### 3.2 Install Dependencies

pip install -r requirements.txt

### 3.3 Install Ollama (Recommended)

#### Windows

Download from https://ollama.ai/download

#### Linux

curl -fsSL https://ollama.ai/install.sh | sh

#### macOS

brew install ollama

### 3.4 Download Recommended Models

# Start Ollama service  
ollama serve  
  
# In a new terminal window, download models  
ollama pull llama3:latest  
ollama pull qwen3:8b

## 4. Quick Assessment

### 4.1 Run Basic Assessment

python llm\_assessment/run\_assessment\_unified.py --model\_name llama3:latest --test\_file big5 --role\_name a1

### 4.2 View Assessment Results

Assessment results will be saved in the llm\_assessment/results/ directory.

## 5. Quick Analysis

### 5.1 Run Personality Analysis

python shared\_analysis/analyze\_results.py llm\_assessment/results/your\_result\_file.json

### 5.2 View Analysis Report

Analysis reports will be generated in the analysis\_reports/ directory in both JSON and Markdown formats.

## 6. Stress Testing Example

### 6.1 Run Assessment with Stress Testing

python llm\_assessment/run\_assessment\_unified.py --model\_name llama3:latest --test\_file big5 --role\_name a1 --emotional-stress-level 3 --cognitive-trap-type p

### 6.2 Parameter Description

* --emotional-stress-level: Emotional stress level (0-4)
* --cognitive-trap-type: Cognitive trap type
  + p: Paradox trap
  + c: Circularity trap
  + s: Semantic fallacy trap
  + r: Procedural trap

## 7. Batch Processing

### 7.1 Quick Batch Analysis

python ultimate\_batch\_analysis.py --quick

### 7.2 Complete Batch Analysis

python ultimate\_batch\_analysis.py

## 8. Common Issues

### 8.1 Ollama Connection Failure

Check if Ollama service is running:

ollama ps

### 8.2 Model Not Found

Ensure the model is downloaded:

ollama list

### 8.3 Insufficient Memory

Reduce batch processing size:

python ultimate\_batch\_analysis.py --sample 5

## 9. Getting Help

For more help, please refer to the complete user manual or submit an issue.

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