

# LLaVA

## LLaVA

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### Demonstration environment

**Development board** : Raspberry Pi 5B (8G RAM)

**SD(TF)card**: 64G (Above 16G, the larger the capacity, the more models can be experienced)

Raspberry Pi 5B (16G RAM): Run 14B and below parameter models  
Raspberry Pi 5B (8G RAM): Run 8B and below parameter models  
Raspberry Pi 5B (4G RAM): Run 3B and below parameter models, can't run LLaVA  
Raspberry Pi 5B (2G RAM): Run 0.5B and below parameter models, can't run LLaVA

LLaVA (Large scale Language and Vision Assistant) is a multimodal model aimed at achieving universal visual and language understanding by combining visual encoders and large-scale language models.

## Model scale

Model	Parameter
LLaVA	7B
LLaVA	13B
LLaVA	34B

Raspberry Pi 5B (8G RAM): LLaVA model testing with 7B parameters.

## Got LLaVA

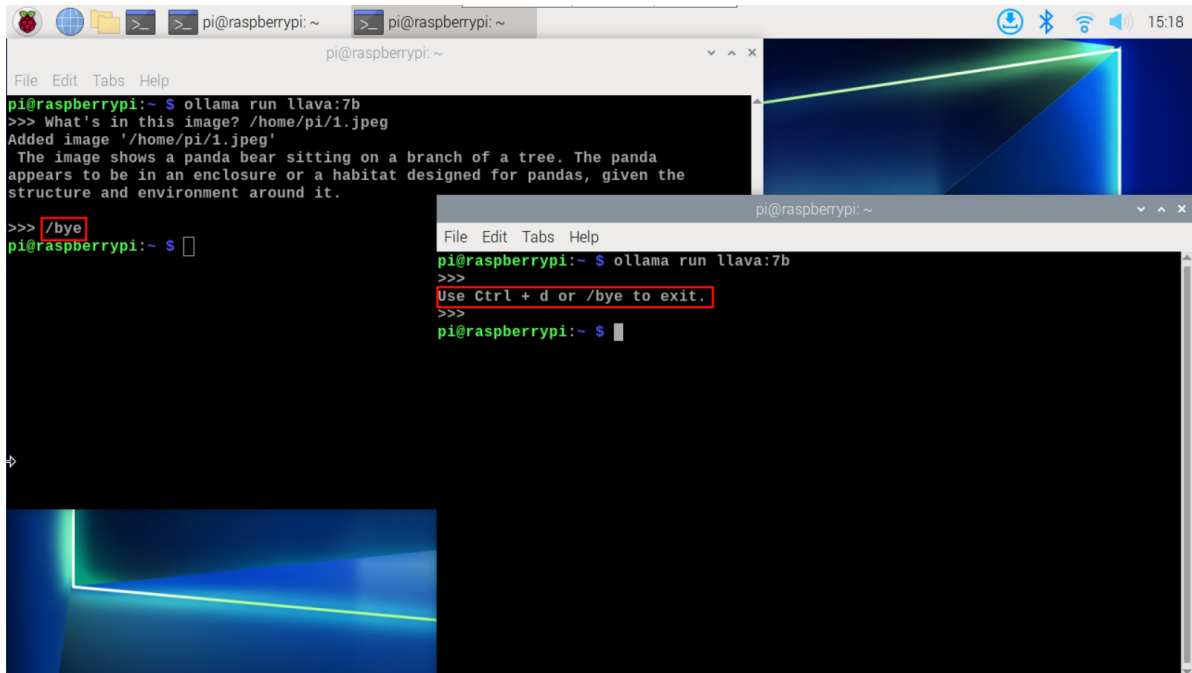
Using the pull command will automatically pull the models from the Ollama model library.

```
ollama pull llava:7b
```



## End conversation

You can end the conversation by using the shortcut key 'Ctrl+d' or '/bye'.



## Reference material

### Ollama

Website: <https://ollama.com/>

GitHub: <https://github.com/ollama/ollama>

### LLaVA

GitHub: <https://github.com/haotian-liu/LLaVA>

Ollama model: <https://ollama.com/library/llava>