1. Set up WSL on Windows such that typing 'WSL' in a PowerShell prompt brings you to an Ubuntu terminal.

1. Update:

sudo apt update -y

1. Ubuntu comes with an older version of Python, and PromptFlow works best with Python 3.9+

python3 --version

Python 3.8.10

We'll install pyenv to easily manage Python versions on our WSL environment. Install pyenv dependencies:

sudo apt install -y make build-essential libssl-dev zlib1g-dev libbz2-dev libreadline-dev libsqlite3-dev wget curl llvm libncurses5-dev libncursesw5-dev xz-utils tk-dev libffi-dev liblzma-dev python-openssl git

1. nstall pyenv

curl <https://pyenv.run> | bash

1. Set up pyenv encironment

echo 'export PYENV\_ROOT="$HOME/.pyenv"' >> ~/.bashrc

echo 'export PATH="$PYENV\_ROOT/bin:$PATH"' >> ~/.bashrc

echo -e 'if command -v pyenv 1>/dev/null 2>&1; then\n eval "$(pyenv init -)"\nfi' >> ~/.bashrc

1. Restart shell

exec "$SHELL"

1. Install Python 3.11.6 (others will work but I ran PromptFlow against this version successfully). It will take a about five minutes to complete.

pyenv install 3.11.6

1. Change your global Python version

pyenv global 3.11.6

1. Check your version of Python. Both 'python' as well as 'python3' should now lanch python:

python --version

Python 3.11.6

python3 --version

Python 3.11.6

1. Assuming you have connected to your WSL instance with VS Code, you can start install the Prompt Flow extension and create (and enter into) a Python virtual environment and install the required dependencies.

python -m venv .venv

source .venv/bin/activate

pip install promptflow promptflow-tools