**Poetry Commands**

1. **(Invoke-WebRequest -Uri https://install.python-poetry.org -UseBasicParsing).Content | python –**
2. **poetry new project\_1**
3. **poetry new fastapi-helloworld**:

This creates a new Python project named fastapi-helloworld using the Poetry dependency management tool.

1. **Poetry run python –version**
2. **cd fastapi-helloworld**:

This changes the directory to the newly created project folder.

1. **Poetry env list**
2. **poetry install**:

This installs the dependencies listed in the project's pyproject.toml file. By default, a new Poetry project includes minimal dependencies.

1. **Poetry Add requests**
2. **Poetry ryn python ./project\_1/main,py**
3. **poetry add fastapi "uvicorn[standard]"**:

This adds two dependencies to the project:

1. **fastapi**:

This is the core FastAPI library that provides the framework for building web APIs.

1. **uvicorn[standard]**:

This is the ASGI server that allows you to run your FastAPI application. The [standard] part ensures you get the standard features for development.

1. **poetry run uvicorn fastapi\_helloworld.main:app**:

This runs the FastAPI application. Here's what each part does:

1. **poetry run**:

This tells Poetry to run the following command using the project's virtual environment.

1. **uvicorn**:

This is the ASGI server mentioned earlier.

1. **fastapi\_helloworld.main:app**:

This specifies the entry point of your application.

1. **fastapi\_helloworld.main**:

This refers to the Python module (main.py most likely) containing your application code.

1. **app**:

This is the name of the FastAPI application instance defined in your main.py file.

For creating test file prefix “test” is important

1. Poetry run pytest
   * 1. Poetry add pytest
2. Poetry Build
3. Poetry Publish