

Lecture 10

Steps to install Deepstream Python Bindings on Jetson Nano

```
sudo apt install -y git python-dev python3 python3-pip python3.6-dev python3.8-dev cmake g++ build-essential \
```

```
libglib2.0-dev libglib2.0-dev-bin python-gi-dev libtool m4 autoconf automake
```

```
git clone https://github.com/NVIDIA-AI-IOT/deepstream\_python\_apps.git
```

```
cd deepstream_python_apps
```

```
git submodule update --init
```

```
cd bindings
```

```
mkdir build
```

```
cd build
```

```
cmake .. -DPYTHON_MAJOR_VERSION=3 -DPYTHON_MINOR_VERSION=6 \
```

```
-DPIP_PLATFORM=linux_aarch64 -
```

```
DDS_PATH=/opt/nvidia/deepstream/deepstream-6.0/
```

```
make
```

```
pip3 install ./pyds-1.1.1-py3-none-linux_aarch64.whl
```

Additional assistance if using another device:

https://github.com/NVIDIA-AI-IOT/deepstream_python_apps/blob/master/bindings/README.md