Install PennyLane

PennyLane supports Python 3.5 or newer.

If you currently do not have Python 3 installed, we recommend Anaconda for Python 3, a distributed version of Python packaged for scientific computation.

Stable	Preview	Source

```
# install the latest released version of PennyLane
pip install pennylane --upgrade
```

Install plugins

PennyLane supports various quantum frameworks and quantum hardware via an array of plugins. For more details, visit the plugins page.

StrawberryFields	IBM Qiskit	Google Cirq	Rigetti forest	Microsoft Q#

```
# Select one or more quantum frameworks above to install the PennyLane plugins.
```

Install interfaces

PennyLane seamlessly integrates with various machine learning libraries, making them "quantum aware", and allowing you to create arbitrary hybrid classical-quantum computations.

NumPy/Autograd	TensorFlow	PyTorch

```
# Select one or more ML libraries above to install them to work with PennyLane.
```

Xanadu

Located in the heart of downtown Toronto, we've brought together exceptional minds from around the world to build quantum computers that are useful and available to people everywhere.

PennyLane

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