(https://turi.com)

Install GraphLab Create

v2.1 (https://turi.com/download/release-notes.html) | Upgrade (https://turi.com/download/upgrade-graphlab-create.html)

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Product key: BD4C-D57C-3662-7985-02BF-8CFC-658F-281F

Windows | Mac OS X | Linux

Option 1: Install into Anaconda Python Environment (recommended)

ANACONDA

The below instructions assume Anaconda or miniconda (64-bit) (http://continuum.io/downloads) is already installed on your machine. GraphLab Create installation requires a Python 2.7.x environment and pip version >= 7. IPython Notebook is recommended for getting the most out of our code samples (https://turi.com/learn/gallery/).

Execute the following shell commands:

Step 1: Ensure Python 2.7.x

```
# Create a new conda environment with Python 2.7.x
conda create -n gl-env python=2.7 anaconda

# Activate the conda environment
source activate gl-env
```

Step 2: Ensure pip version >= 7

```
# Ensure pip is updated to the latest version
# miniconda users may need to install pip first, using 'conda install pip'
conda update pip
```

Step 3: Install GraphLab Create

```
# Install your licensed copy of GraphLab Create
pip install --upgrade --no-cache-dir https://get.graphlab.com/GraphLab-Create/2.1/jabostian@gmail.com/BD4C-D57C-3662-7985-02BF-8CFC-658F-281F/GraphLab-Create-License.tar.gz
```

Step 4: Ensure installation of IPython and IPython Notebook

```
# Install or update IPython and IPython Notebook
conda install ipython-notebook
```

Upgrade to GraphLab Create with GPU Acceleration

GraphLab Create on Linux can be upgraded to support multiple NVIDIA GPUs. Applying GPUs to computation can significantly improve performance of the Neural Network Classifier.

UPGRADE (HTTPS://TURI.COM/DOWNLOAD/INSTALL-GRAPHLAB-CREATE-GPU.HTML?EMAIL=JABOSTIAN%40GMAIL.COM&KEY=BD4C-D57C-3662-7985-02BF-8CFC-658F-281F)

Option 2: Install in Python environment using virtualenv

The below instructions assume an existing Python 2.7.x (64-bit) environment and virtualenv (https://virtualenv.pypa.io/en/latest/) is already installed on your machine. GraphLab Create installation requires pip version >= 7. IPython Notebook is recommended for getting the most out our code samples (https://turi.com/learn/gallery/).

Execute the following shell commands:

Step 1: Create and activate a new virtual environment (recommended)

```
# Create a virtual environment named e.g. gl-env
virtualenv gl-env

# Activate the virtual environment
source gl-env/bin/activate
```

Step 2: Ensure pip version >= 7

```
# Make sure pip is up to date
pip install --upgrade pip
```

Step 3: Ensure installation of IPython and IPython Notebook

```
# Install IPython Notebook (optional)
pip install "ipython[notebook]"
```

Step 4: Install GraphLab Create

```
# Install your licensed copy of GraphLab Create
pip install --upgrade --no-cache-dir https://get.graphlab.com/GraphLab-Create/2.1/jabostian@gmail.com/BD4C-D57C-3662-7985-02BF-8CFC-658F-281F/GraphLab-Create-License.tar.gz
```

Need help? See the FAQ (https://turi.com/download/faq.html) for answers to common installation questions.

System Requirements

- A Linux distribution with GLIBC >= 2.11
  - Ubuntu >= 11.04
  - Debian >= 6
  - RHEL >= 6
  - SLES >= 11
- 64-bit architecture
- at least 4 GB of RAM
- at least 2 GB of free disk space

If your system does not meet these requirements, you can use GraphLab Create on the AWS Free Tier (https://turi.com/download/install-graphlab-create-aws-coursera.html).

Getting Started

Newcomer? Get started with the User Guide (https://turi.com/learn/userguide/).

Already building with graphLab Create? Checkout our How-Tos (https://turi.com/learn/how-to/)to get code snippets that make you more productive.

See how others have used GraphLab Create by exploring our Gallery (https://turi.com/learn/gallery/).

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