



# **Learning to Use the ‘TensorFlow’ Library**

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# What is TensorFlow

TensorFlow is a machine learning and artificial intelligence library.

Source: <https://www.tensorflow.org/>

The first version of TensorFlow was developed by Google Brain (now called **Google DeepMind** after Google Brain merged with DeepMind).

The team that developed TensorFlow includes **Geoffrey Hinton** (Nobel Prize in Physics 2024) and **Jeff Dean** (Chief Scientist, Google).

# How to Install TensorFlow?

<https://www.tensorflow.org/install>

Obtain the latest version of pip

> pip install --upgrade pip

Install the latest version of TensorFlow for CPU

> pip install tensorflow

Install the latest version of TensorFlow for GPU (Linux/WSL2)

> pip install tensorflow[and-cuda]

# How to Use TensorFlow

Now, let us launch the ‘useTensorFlow.ipynb’ Jupyter notebook and do some machine learning with it.

Keep Calm  
and  
Learn Machine Learning

Thank You