**DEPENDENCIES**

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| **Packages** | **Installation** |
| **Python 3** | **sudo apt-get install python3** |
| **PIP 3** | **sudo apt-get install python3-pip** |

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| **Python libraries** | **Installation** |
| **Caffe** | **For Ubuntu or derivates ≥ 17.04:**   * **sudo apt install caffe-cpu (CPU-only version)** * **sudo apt install caffe-cuda (GPU version needs CUDA)** |
| **Keras** | **pip3 install keras** |
| **Tensorflow** | * **pip3 install tensorflow (CPU-only version)** * **pip3 install tensorflow-gpu (GPU version needs CUDA)** |
| **Scikit-Learn** | **pip3 install scikit-learn** |
| **Scikit-Image** | **pip3 install scikit-image** |
| **Numpy** | **pip3 install numpy** |
| **Scipy** | **pip3 install scipy** |
| **Matplotlib** | **pip3 install matplotlib** |
| **PIL** | **pip3 install pillow** |
| **H5py** | **pip3 install h5py** |
| **Panda** | **pip3 install pandas** |
| **Imageio** | **pip3 install imageio** |
| **Xlsxwriter** | **pip3 install xlsx** |
| **Progressbar** | **pip3 install progressbar2** |