The Scope of Video Analytics

Software Tools

Octave

MathWorks®

1

(intel)

OpenCV

Deployment Ready System

NVIDIA

2

Computer Vision

Video Analytics

Machine Learning

Deep Learning

TF-Serving

Production ready model for TF-Serving

models / research / object_detection /

3
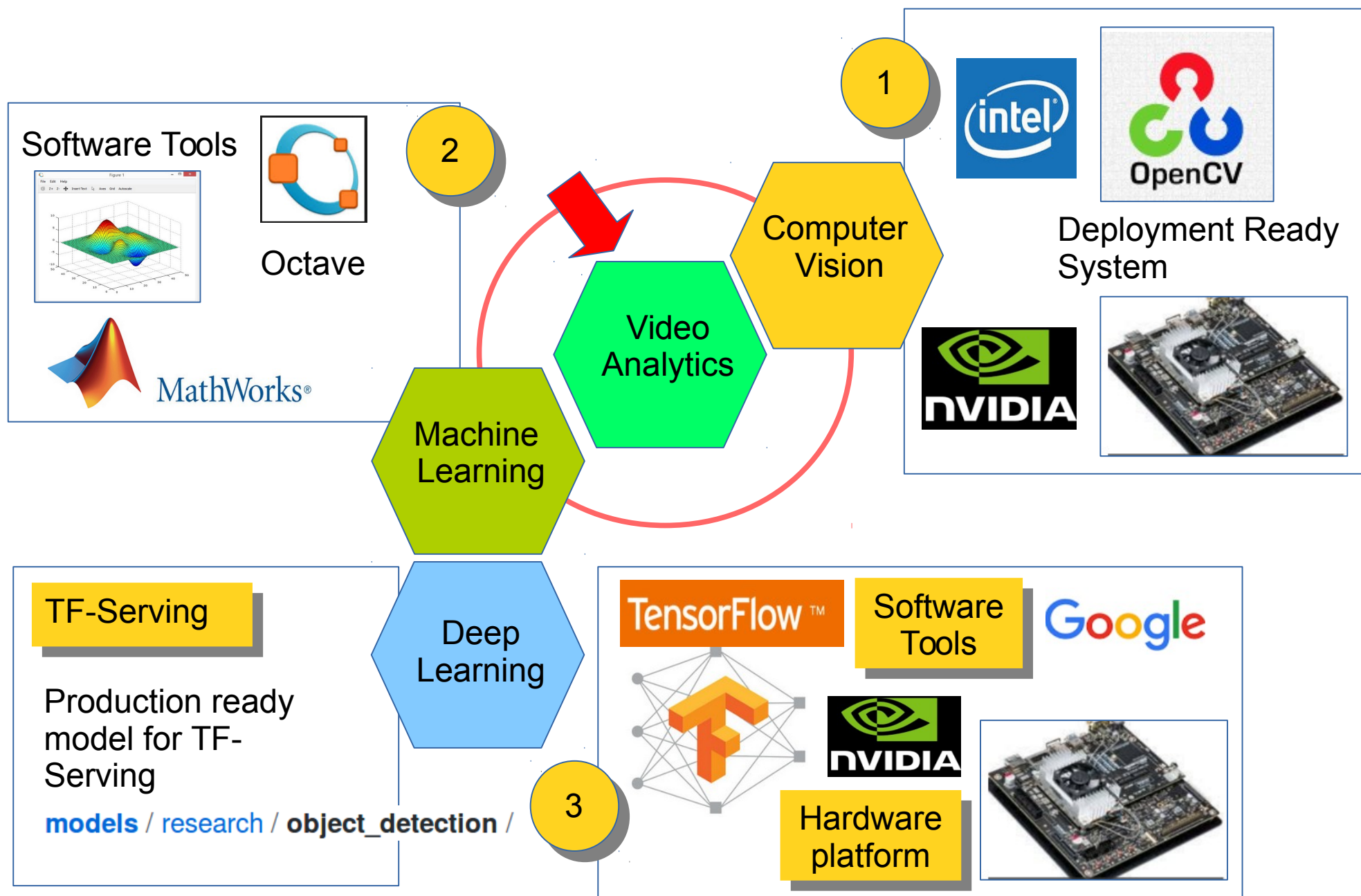
TensorFlow ™

Software Tools

Google

NVIDIA

Hardware platform

Harry Li, Ph.D.

Set Up OpenCV

http://docs.opencv.org/2.4/doc/tutorials/introduction/table_of_content_introduction/table_of_content_introduction.html

How to set up openCV

http://docs.opencv.org/2.4/doc/tutorials/introduction/linux_install/linux_install.html#linux-installation

Title: *Installation in Linux*

Compatibility: > OpenCV 2.0

Author: Ana Huamán

We will learn how to setup OpenCV in your computer!

How to compile and build

http://docs.opencv.org/2.4/doc/tutorials/introduction/linux_gcc_cmake/linux_gcc_cmake.html#linux-gcc-usage

Title: *Using OpenCV with gcc and CMake*

Compatibility: > OpenCV 2.0

Author: Ana Huamán

We will learn how to compile your first project

Using Eclipse

http://docs.opencv.org/2.4/doc/tutorials/introduction/linux_eclipse/linux_eclipse.html#linux-eclipse-usage

Title: *Using OpenCV with Eclipse (plugin CDT)*

Compatibility: > OpenCV 2.0

Author: Ana Huamán

Optional but better