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Intel® Distribution of OpenVINO™ Toolkit: Part 1

LATEST SUBMISSION GRADE
100%

1. The Intel® Distribution of OpenVINO™ toolkit is designed to increase performance and reduce development time for computer vision solutions. **1 / 1 point**

- (•) True
- ( ) False

Correct
The Intel® Distribution of OpenVINO™ toolkit leverages optimized libraries and frameworks to increase application performance when running on Intel processors and products. With the inclusion of optimized pre-trained models, developers can expedite development and improve image processing pipelines without the need to search for or train their own models.

2. The Intel® Distribution of OpenVINO™ toolkit does not support traditional computer vision libraries, including OpenCV and OpenVX*. **1 / 1 point**

- ( ) True
- (•) False

Correct
The Intel® Distribution of OpenVINO™ toolkit does not support traditional computer vision libraries, including OpenCV and OpenVX*.

Optimized libraries like OpenCV and OpenVX are delivered as part of the Intel® Distribution of OpenVINO™ toolkit to aid the development and optimization of computer vision and image processing pipelines for Intel® products.

3. The Intel® Distribution of OpenVINO™ toolkit offers support for the following operating system(s): **1 / 1 point**

- ( ) CentOS*
- ( ) Ubuntu*
- ( ) Windows® 10
- ( ) Yocto Project*
- ( ) macOS*
- (•) All of the above

Correct
The Intel® Distribution of OpenVINO™ toolkit helps to deliver computer vision and deep learning support for applications running on Ubuntu*, CentOS*, Yocto Project*, Windows*, Raspbian* OS and macOS*.

4. The model optimizer is a Python* based tool that converts the inputted trained models from standard frameworks into unified IR files. **1 / 1 point**

- (•) True
- ( ) False

Correct
Model Optimizer is a cross-platform command-line tool that facilitates the transition between the training and deployment environment, performs static model analysis, and adjusts deep learning models into an intermediate representation (IR) for optimal execution via the inference engine.

5. The Intel® Distribution of OpenVINO™ toolkit includes: 1 / 1 point

- a. Model optimizer
- b. Inference engine
- c. Reference implementations
- d. A and B
- e. A and C

Correct

The Intel® Distribution of OpenVINO™ toolkit includes Model Optimizer and Inference Engine which allows developers to deploy optimized pre-trained deep learning models within their application targeting Intel CPU, GPU, VPU and FPGA products.