eIQ® Toolkit for End-to-End Model Development and Deployment

EIQ-TOOLKIT

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The eIQ Toolkit enables machine learning development with an intuitive GUI (eIQ Portal) and development workflow tools, along with command line host tool options as part of the eIQ ML software development environment. NXP's eIQ Toolkit enables graph-level profiling capability with runtime insights to help optimize neural network architectures on target EdgeVerse™ processors.

The eIQ Portal, developed in exclusive partnership with Au-Zone Technologies, is an intuitive graphical user interface (GUI) that simplifies vision based ML solutions development. Developers can create, optimize, debug and export ML models, as well as import datasets and models, rapidly train and deploy neural network models and ML workloads for vision applications.

The eIQ Portal provides output software that seamlessly feeds into runtime inference engines.

The eIQ Toolkit and the eIQ Portal are provided with examples demonstrating use cases and guidelines for the different process flow options such as importing pretrained models based on popular frameworks, creating, importing and augmenting datasets to develop models within the tools or integrating with users' existing flow to leverage the supported inference engines.

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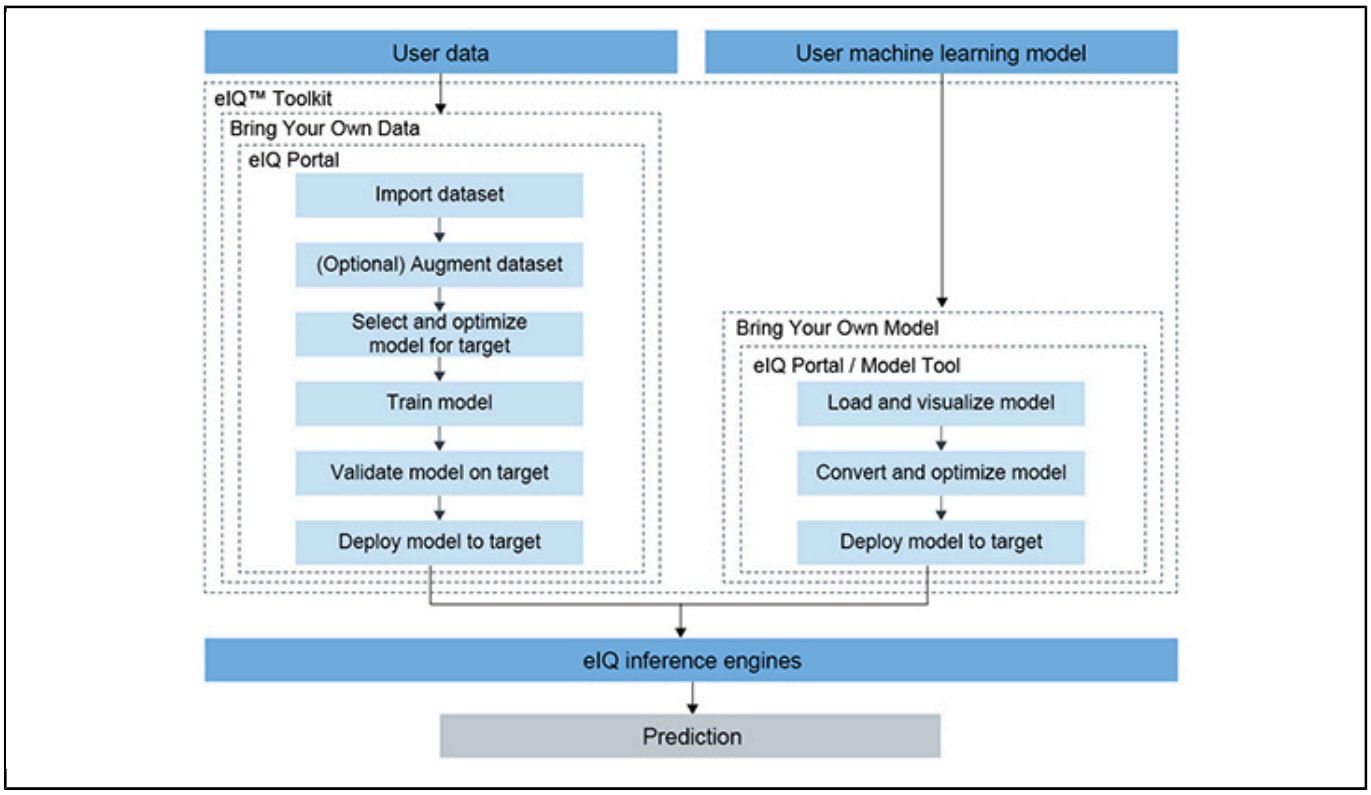
eIQ Toolkit Block Diagram Block Diagram



View additional information for eIQ® Toolkit for End-to-End Model Development and Deployment.

Note: The information on this document is subject to change without notice.