https://gradientflow.com/five-key-features-for-a-machine-learning-platform/

Diagram

Description automatically generated

Ray can be used to build pluggable components for machine learning platforms. The boxes in blue are components for which there are some libraries built on top of Ray

Ray - Ray is **an open-source unified compute framework that makes it easy to scale AI and Python workloads** — from reinforcement learning to deep learning to tuning, and model serving

<https://docs.ray.io/en/latest/>

<https://ieeexplore.ieee.org/abstract/document/9389709>

Overall, the ASML architecture (Fig. 1) consists of four logical components:

* The RESTful API, which acts as the entry point of the overall architecture
* The worker, which handles the task execution
* The task scheduler
* The data storage and system monitoring module

Diagram

Description automatically generated