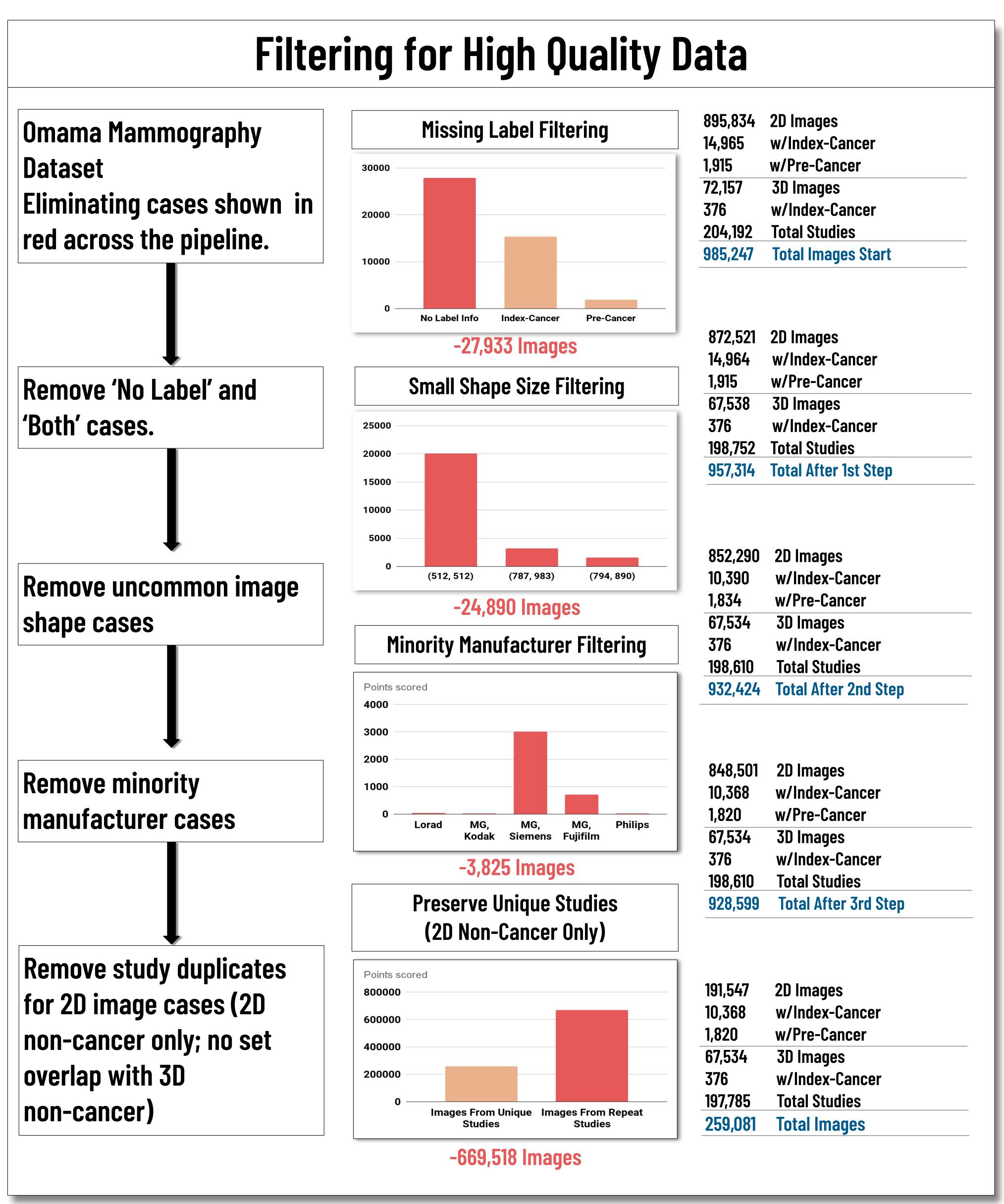
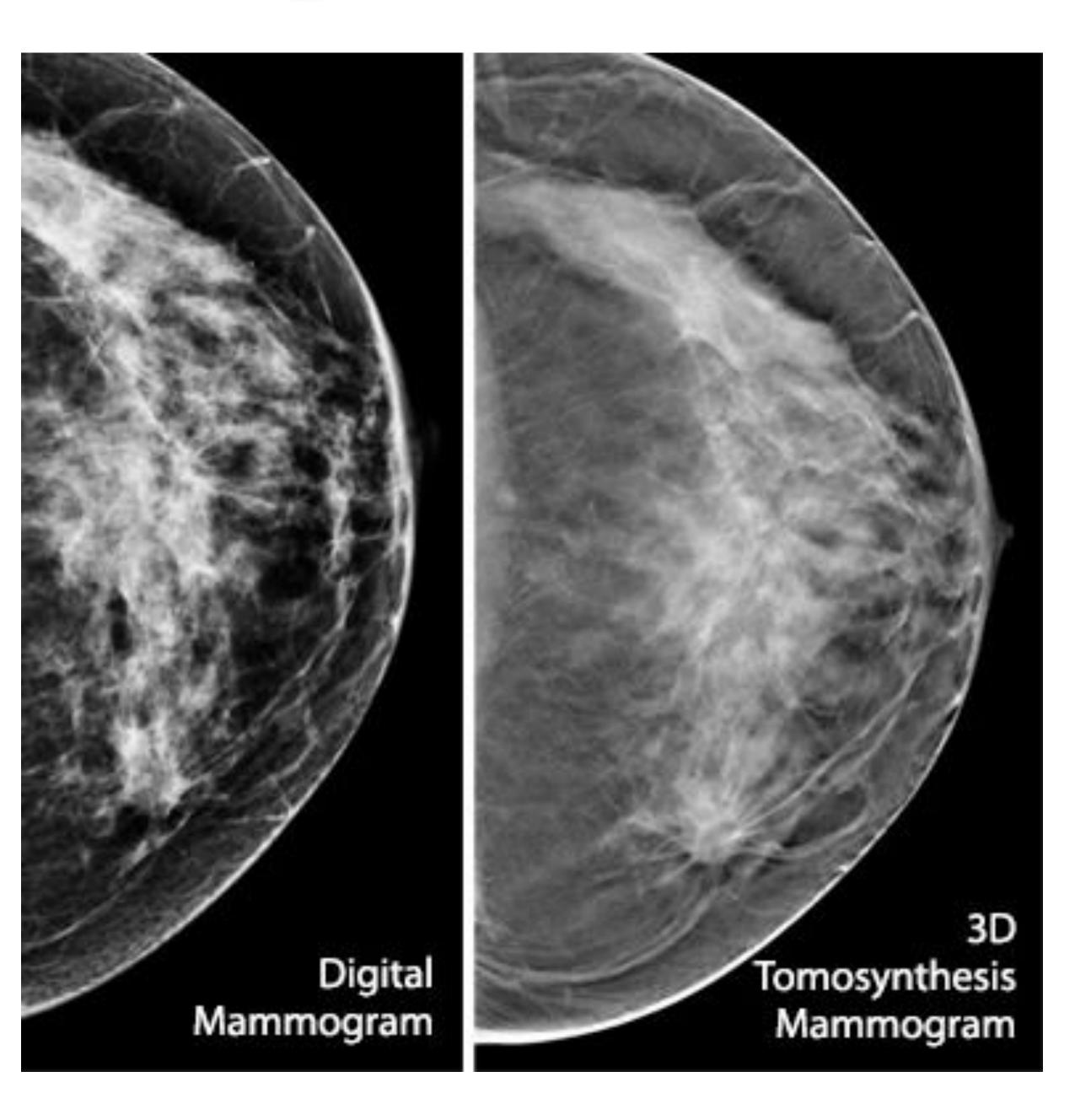
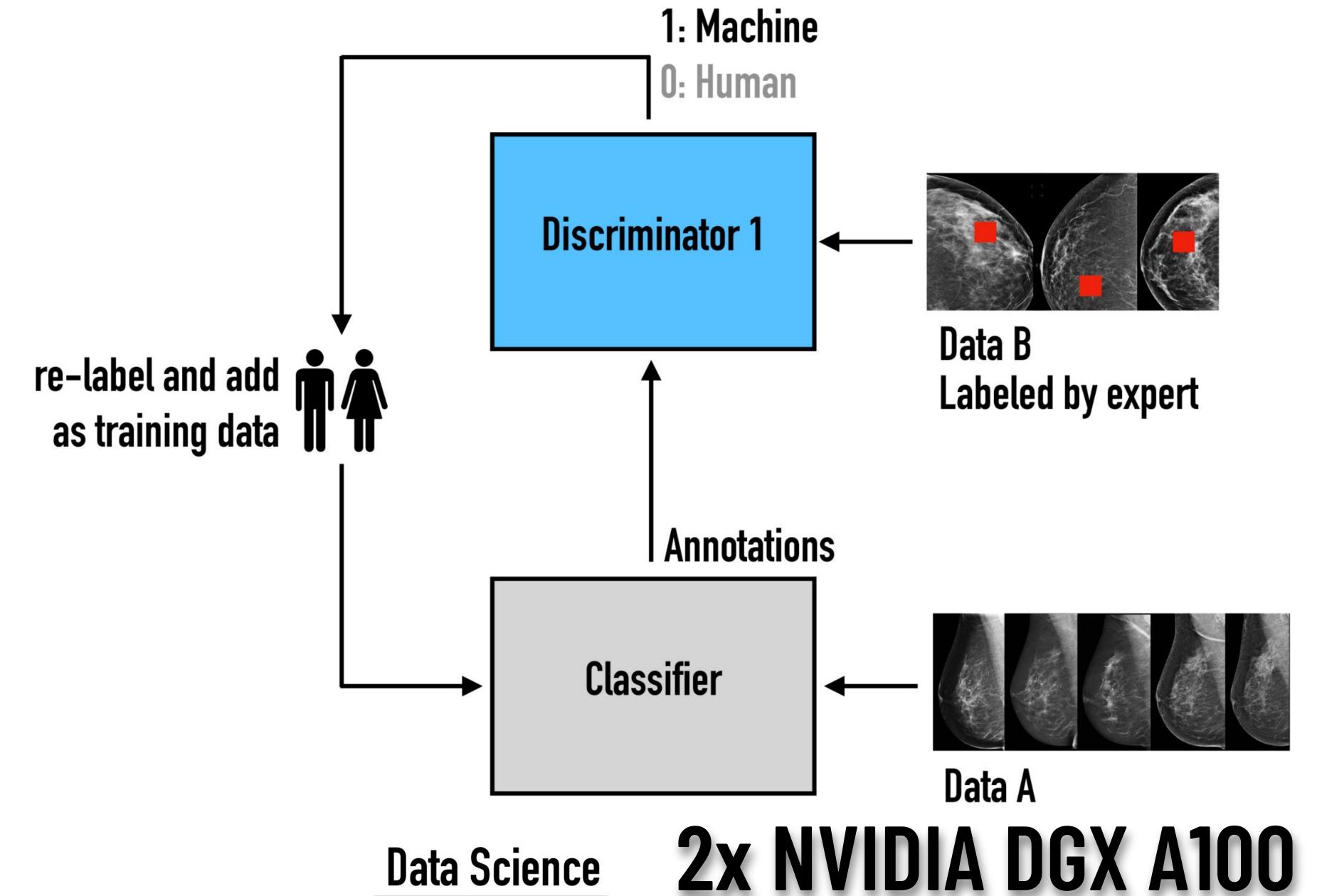
Building the World's Largest Mammography Database

175k+ 2D Mammograms65k+ 3D Tomosynthesis7k+ Cancer cases

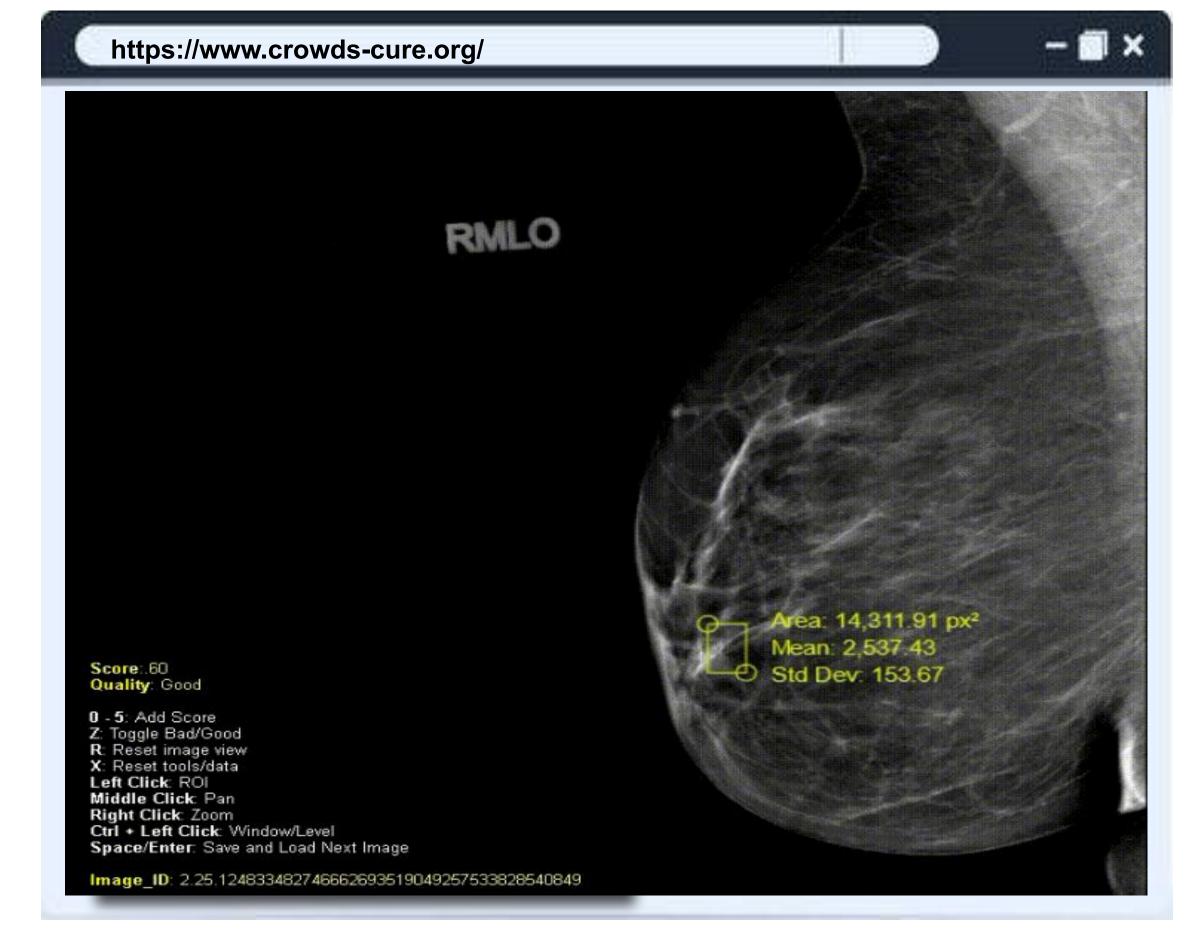


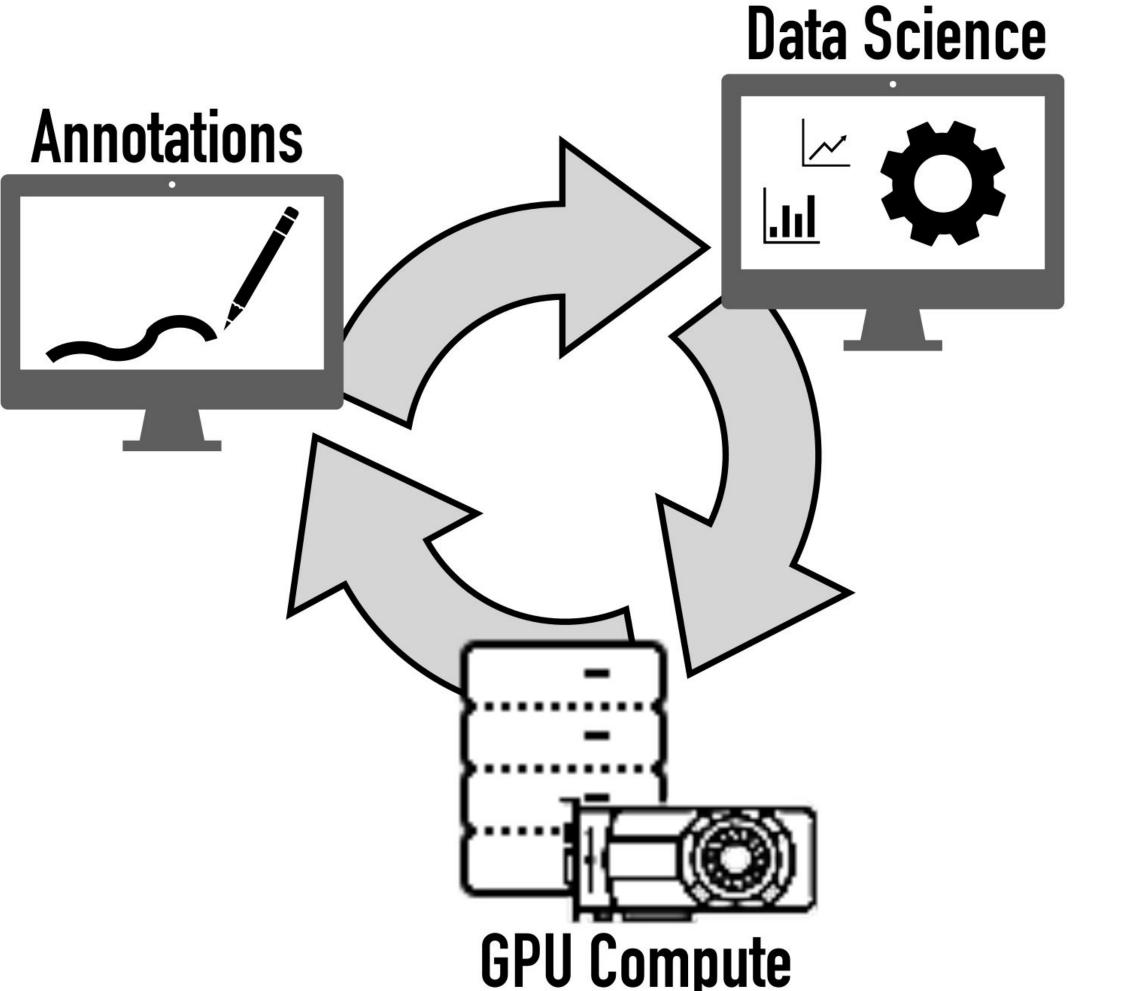


Intelligent Annotation Framework 1: Machine



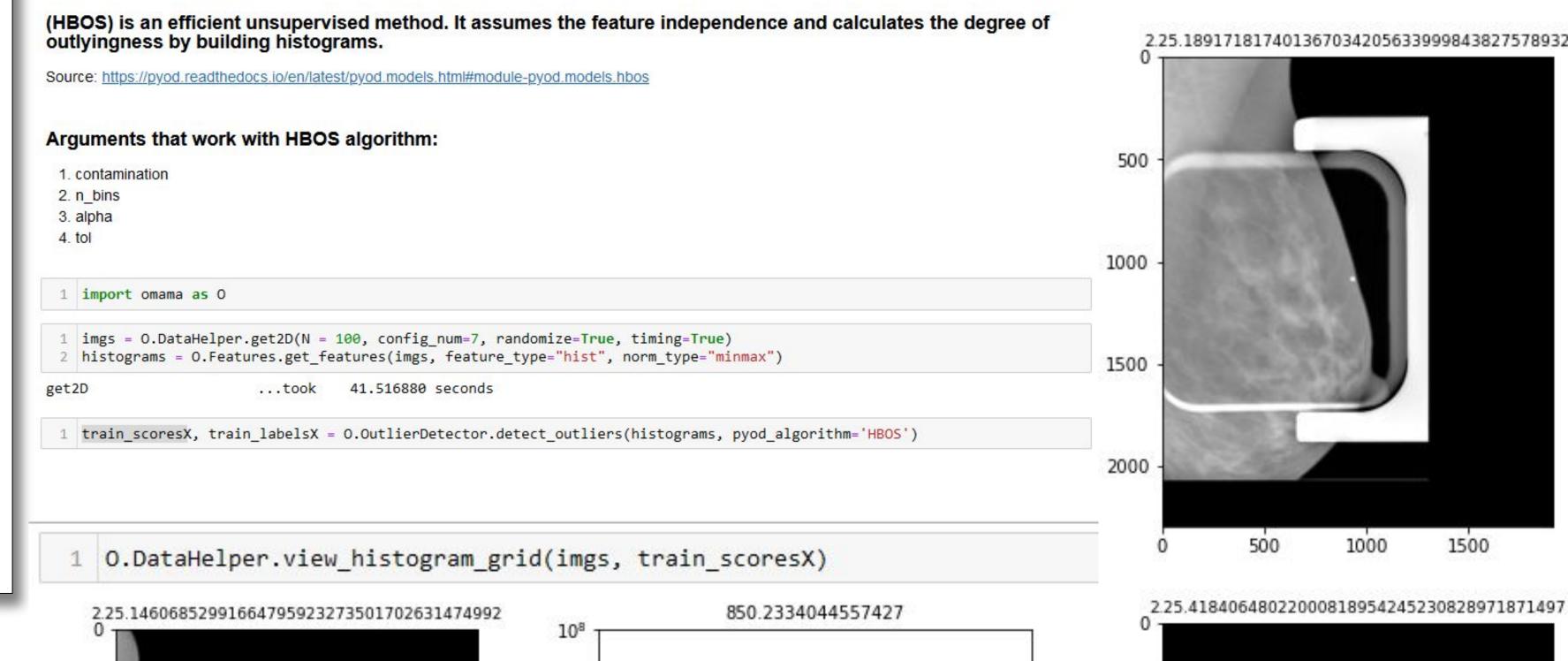
Web-based Annotation Tool

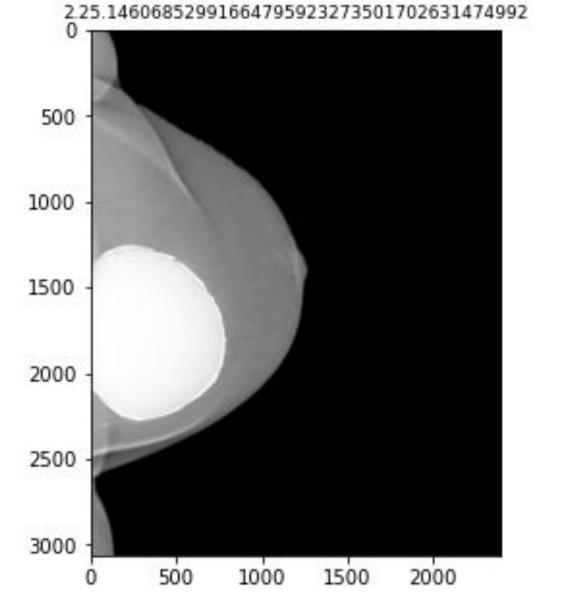




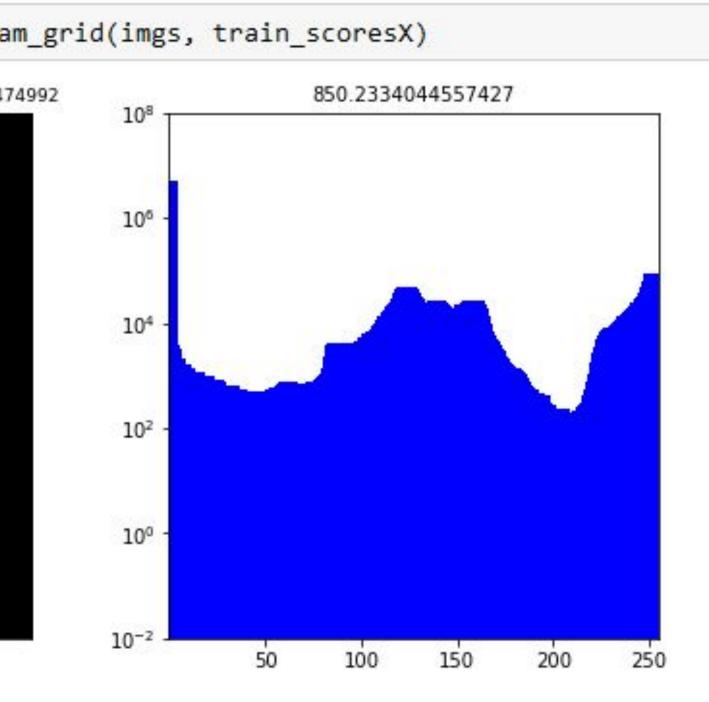
850.2071171607657

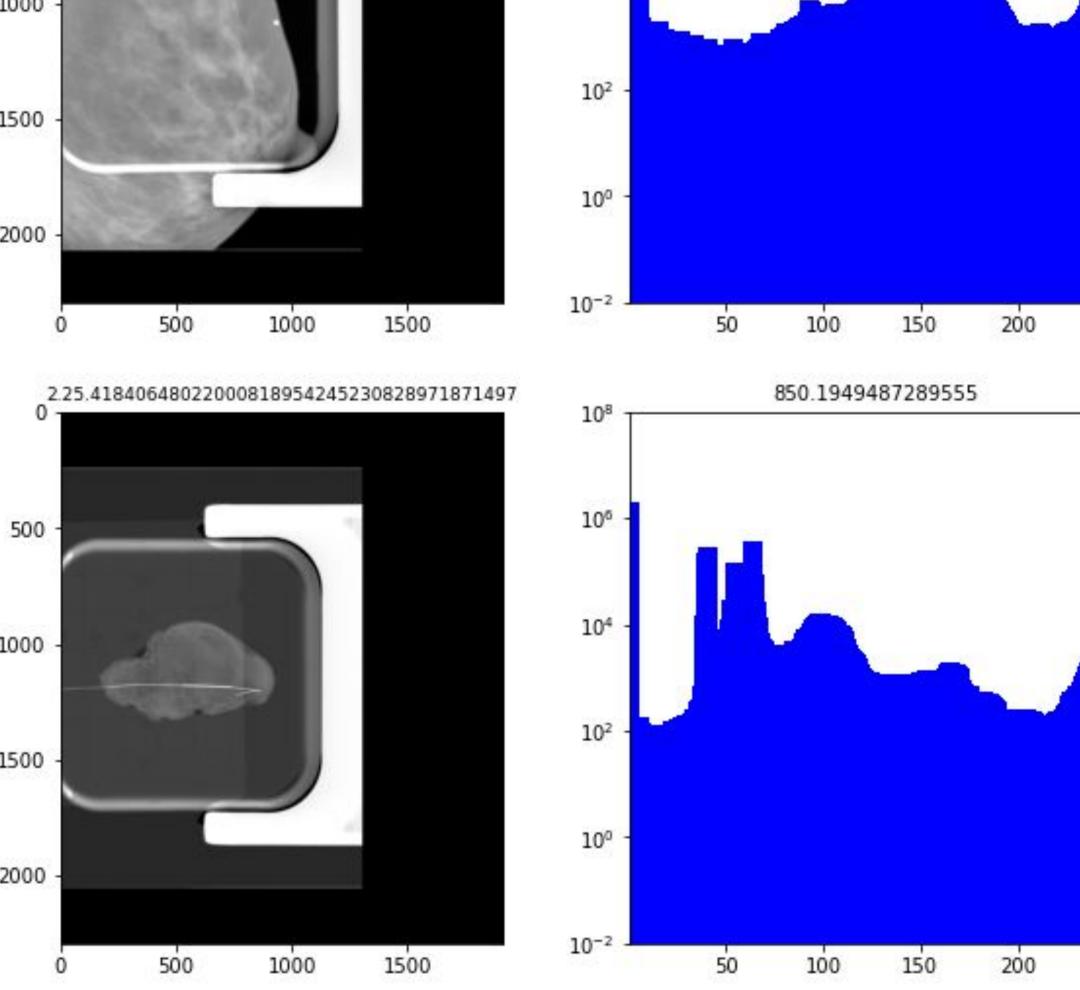
Unsupervised Outlier Detection





HBOS - Histogram- based outlier detection





GPU Memory SYSTEM SPECIFICATIONS 8x NVIDIA A100 Tensor Core GPUs 320 GR total

GPU Memory	320 GB total
Performance	5 petaFLOPS AI 10 petaOPS INT8
NVIDIA NVSwitches	6
CPU	Dual AMD Rome 7742, 128 cores total, 2.25 GHz (base), 3.4 GHz (max boost)

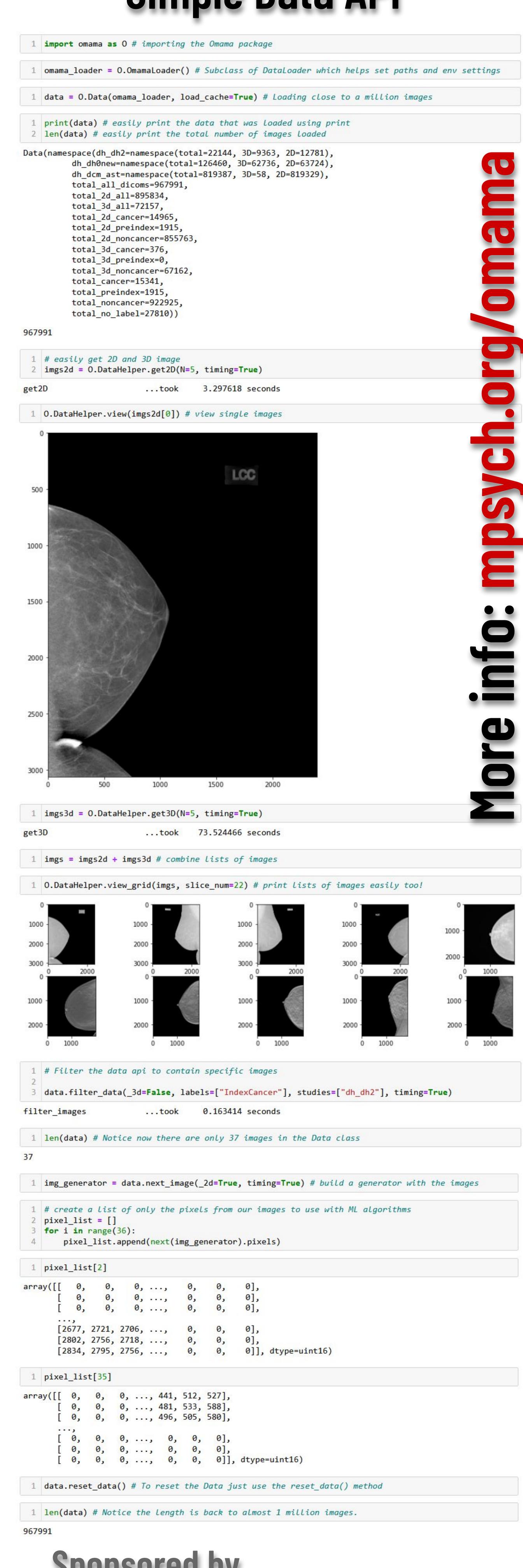
System Memory	1TB
Networking	8x Single-Port Mellanox ConnectX-6 VPI 200Gb/s HDR InfiniBand 1x Dual-Port Mellanox ConnectX-6 VPI 10/25/50/100/200Gb/s

torage OS: 2x 1.92TB M.2 NVME drives Internal Storage: 30TB (4x 7.5TB) U.2 NVME drives

Ethernet

INVIDIA.

Simple Data API



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LIFE SCIENCES CENTER:**

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