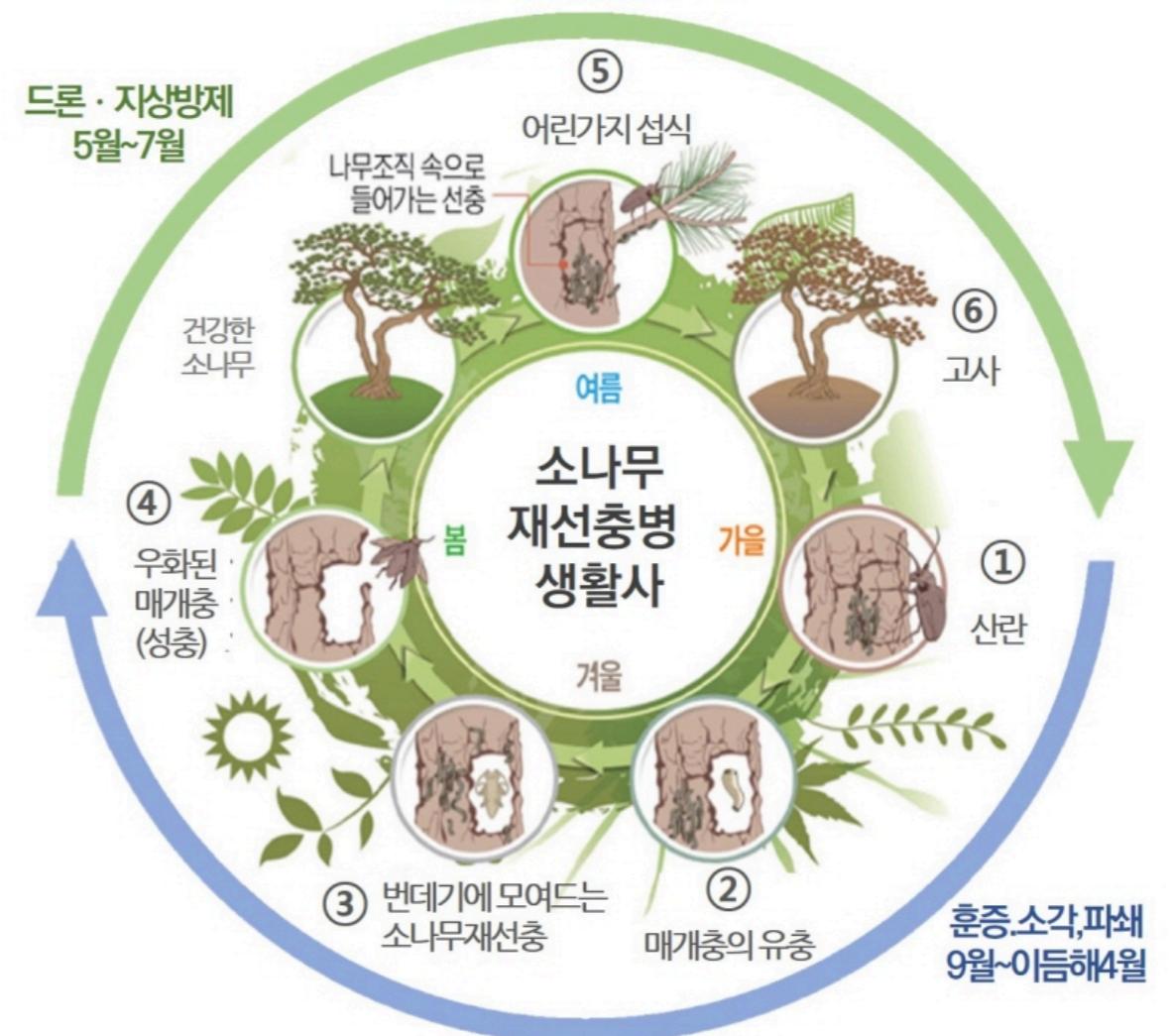


capstone

Contents



감염되지 않은 소나무, 재선충 감염된 소나무



Data



process



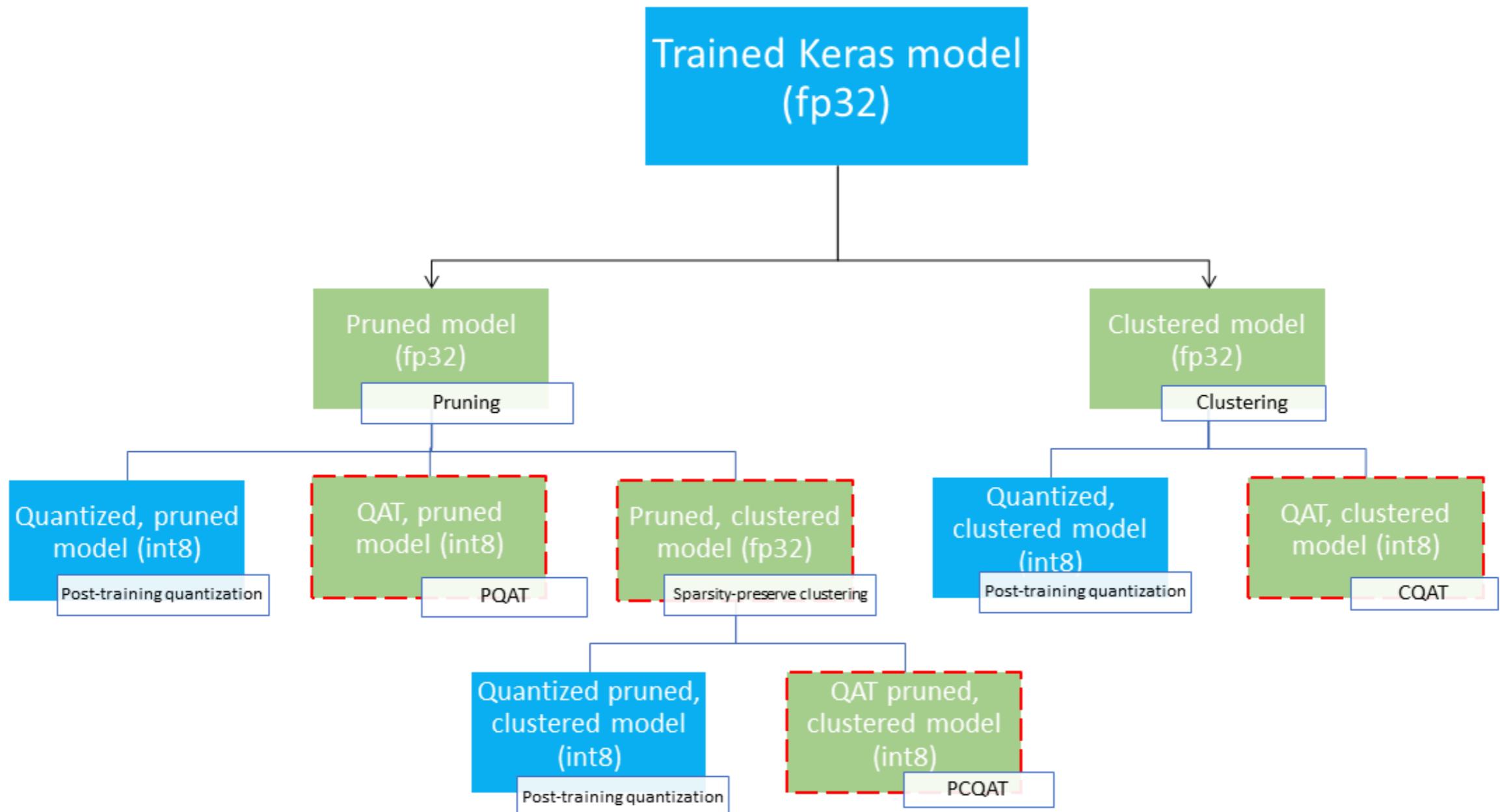
training

model	dataset	type	mAP_0.5	mAP_0.5:0.95	inference_time
yolov5n	2023_split	torch	0.745	0.386	-
yolov5s	2023_split	torch	0.799	0.416	-
yolov8n	2023_split	torch	0.699	0.404	-
yolov8s	2023_split	torch	0.714	0.408	-
internImage	2023_split	torch	0.817	0.451	-

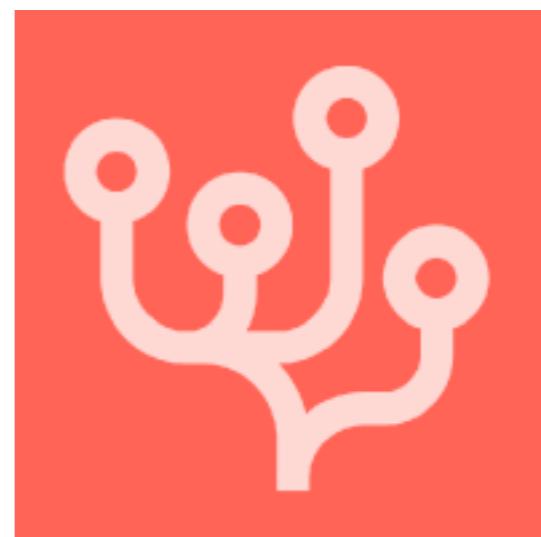
process



optimization



deployment



감사합니다.

optimization

model	dataset	type	mAP_0.5	mAP_0.5:0.95	inference_time
yolov5n	2023_split	torch	0.745	0.386	-
yolov5s	2023_split	torch	0.814	0.416	-
yolov5n	2023_split	edgetpu	0.574	0.223	311.0ms
yolov5s	2023_split	edgetpu	0.622	0.25	859.9ms