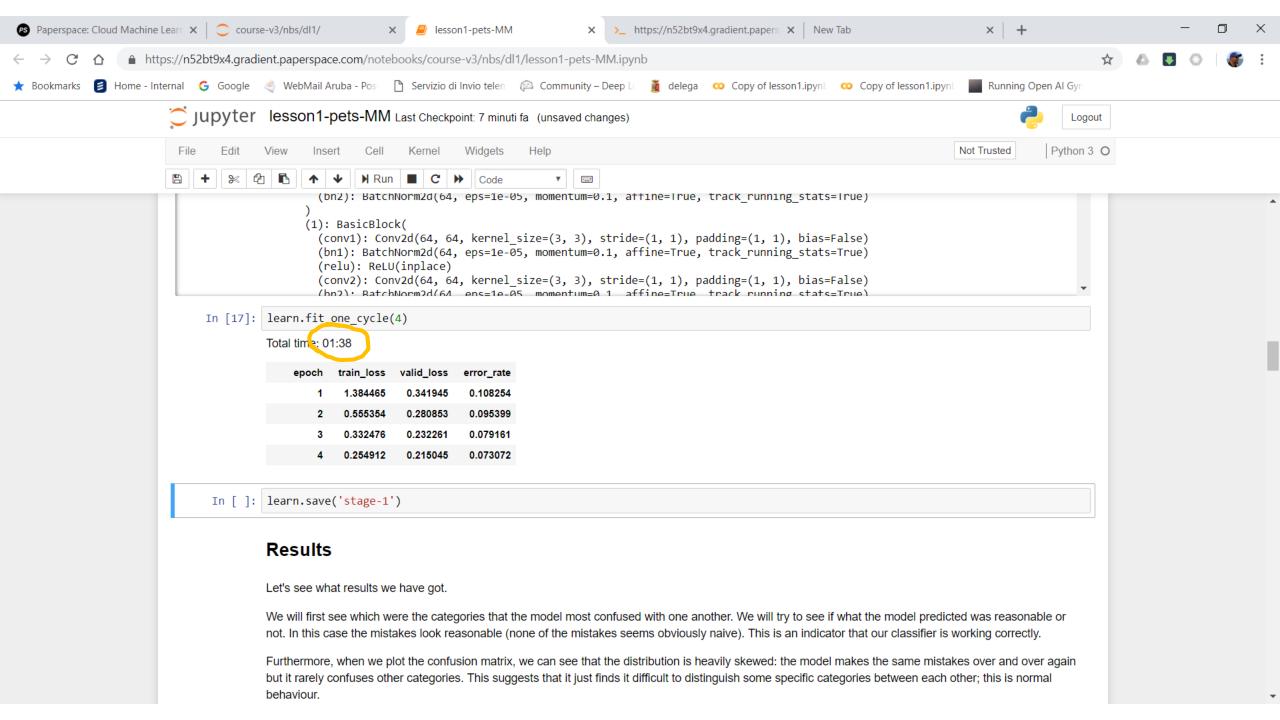
Platforms GPU comparison fast.ai v3 lesson 1

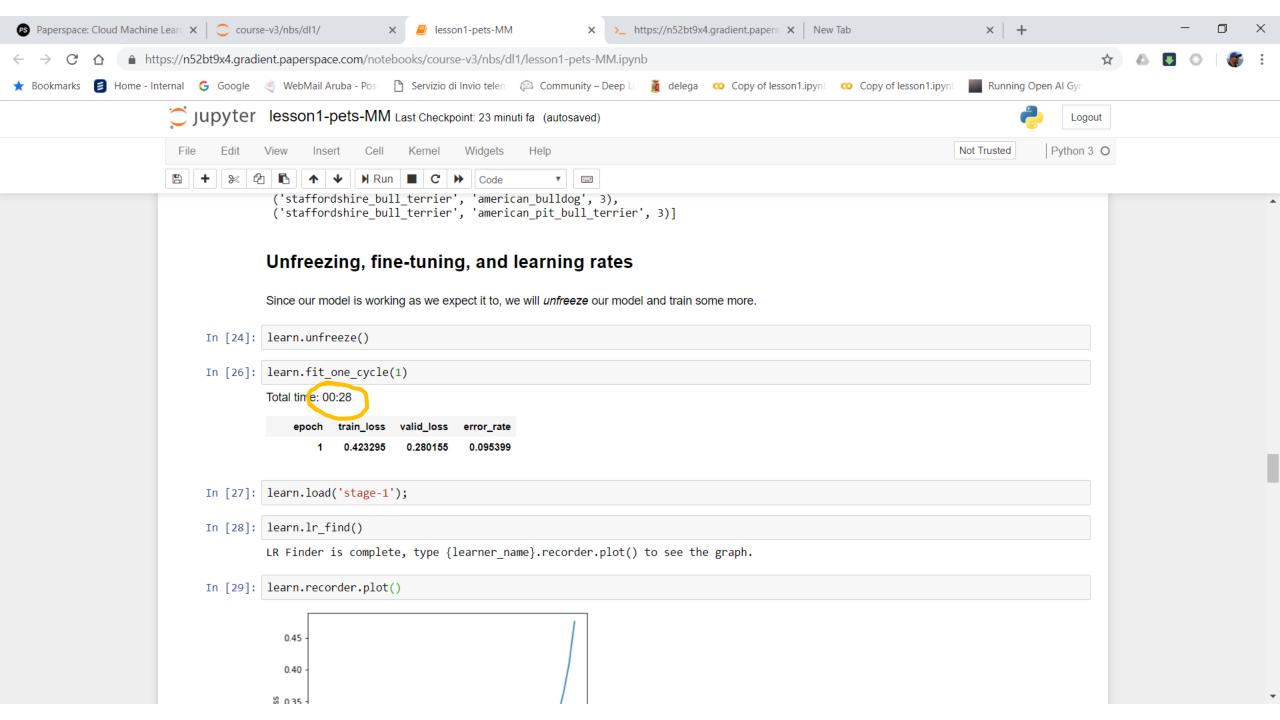
2019/02/02 Marcello Morchio

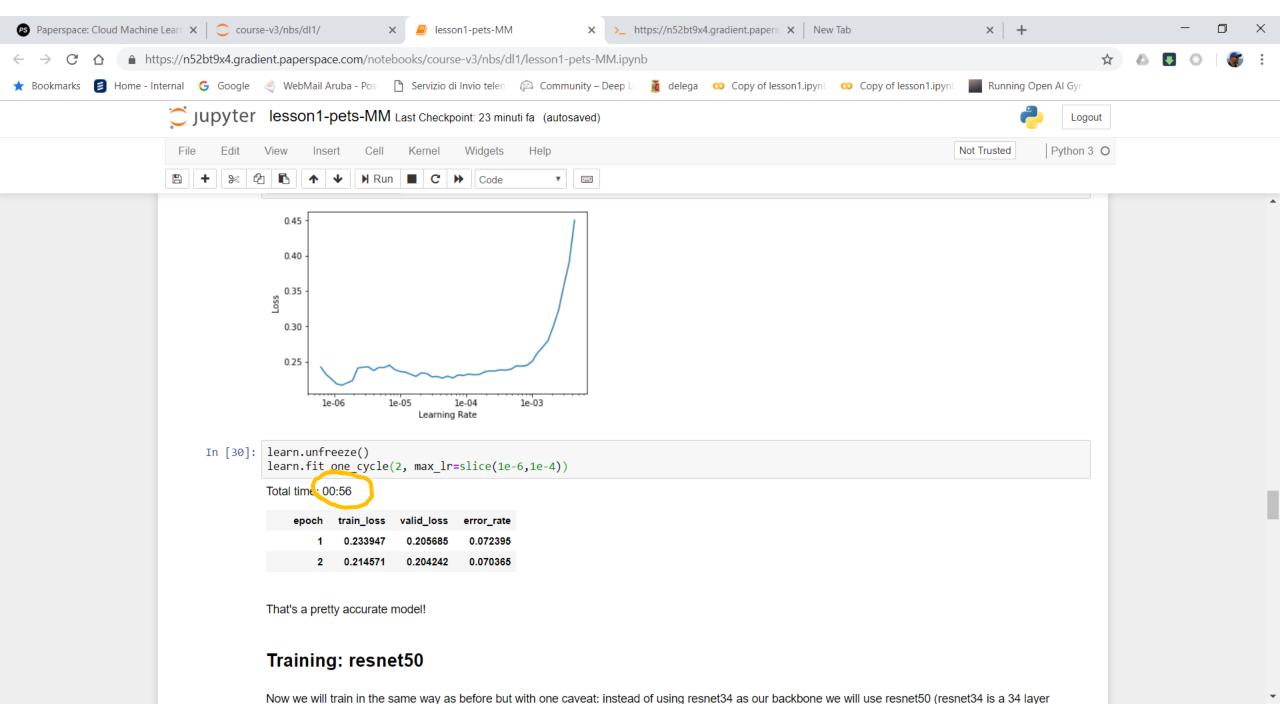
marcello@datascienceseed.com

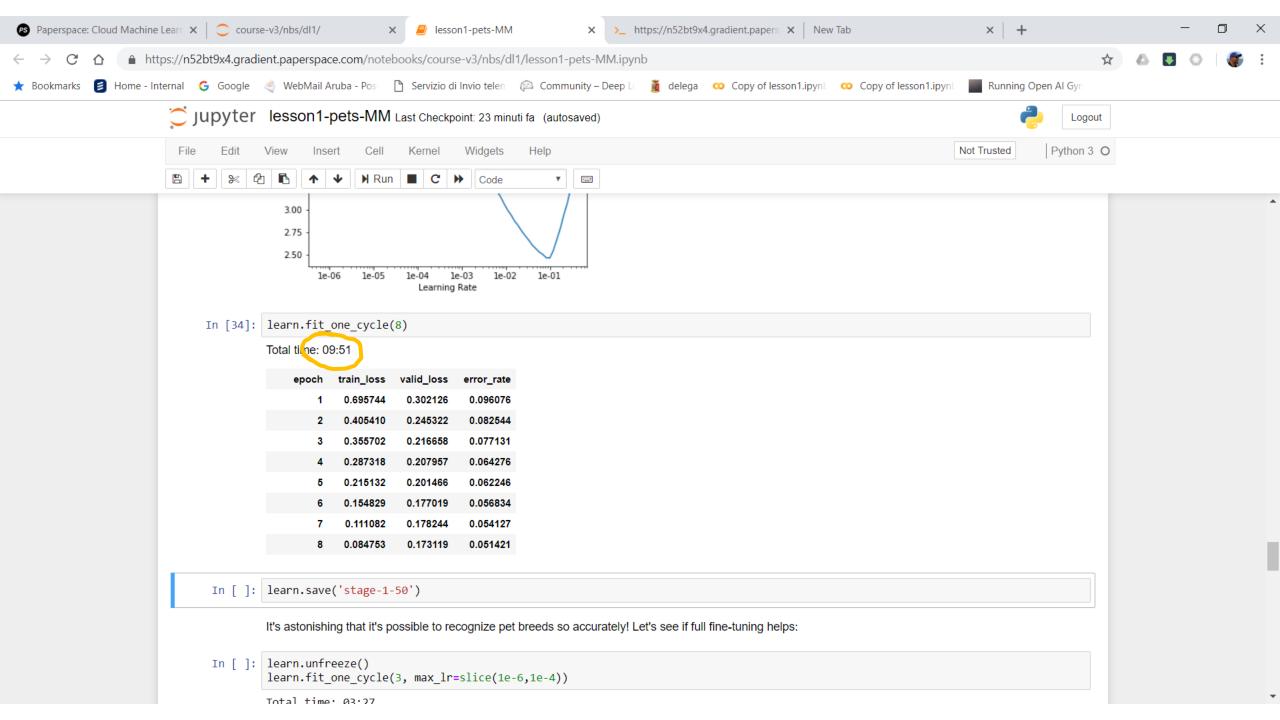
Performances

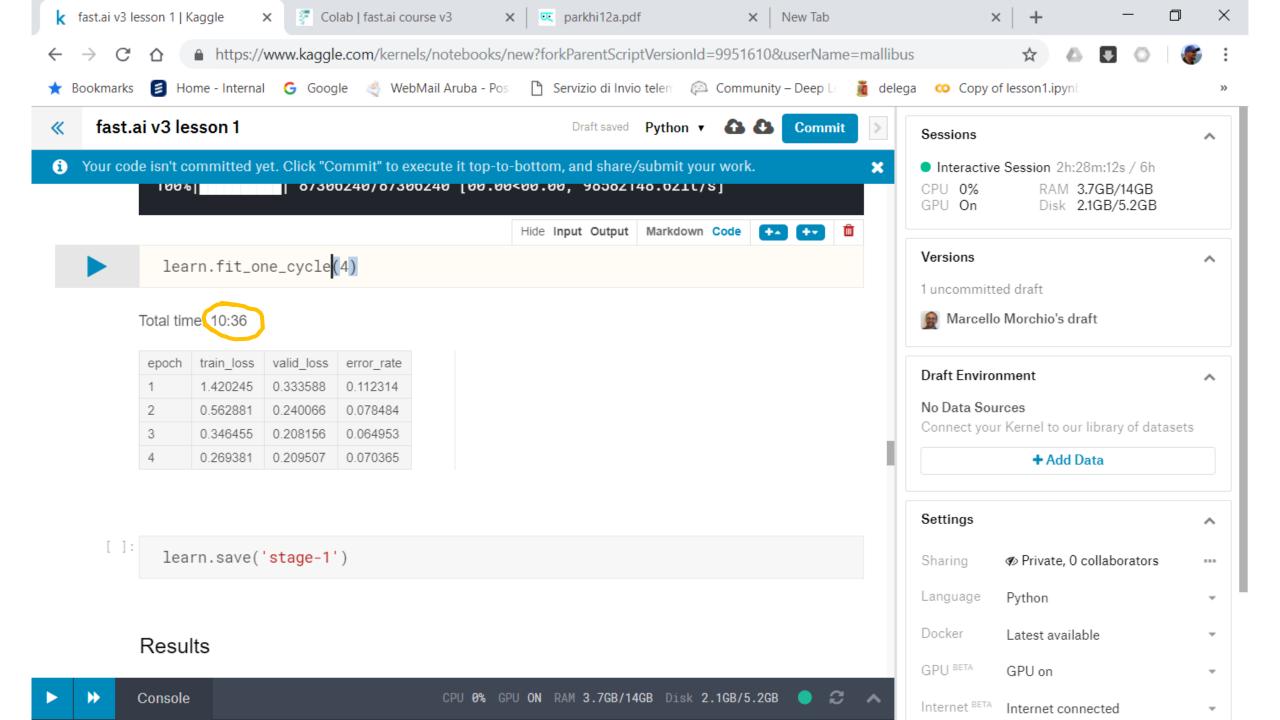
Platform	Video time 00:44:00 Resnet34	Video time 01:16:00 Resnet34	Video time 01:25:00 Resnet34	Video time 01:29:00 Resten50
	learn.fit_one_cycle(4)	learn.unfreeze() learn.fit_one_cylce(1)	learn.unfreeze() learn.fit_one_cycle(2, max_lr=slice(1e-6,1e-4))	learn.fit_one_cycle(8)
Fast.ai video	00:01:56	00:00:29	00:00:58	00:03:41 (5 epochs, not 8)
Gradient P5000	00:01:38	00:00:28	00:00:56	00:09:51
Kaggle	00:10:36	00:02:57	00:05:58	00:46:43
Colab	00:07:43	00:02:00	00:04:01	00:26:48
Intel CPU	01:11:26 one epoch			

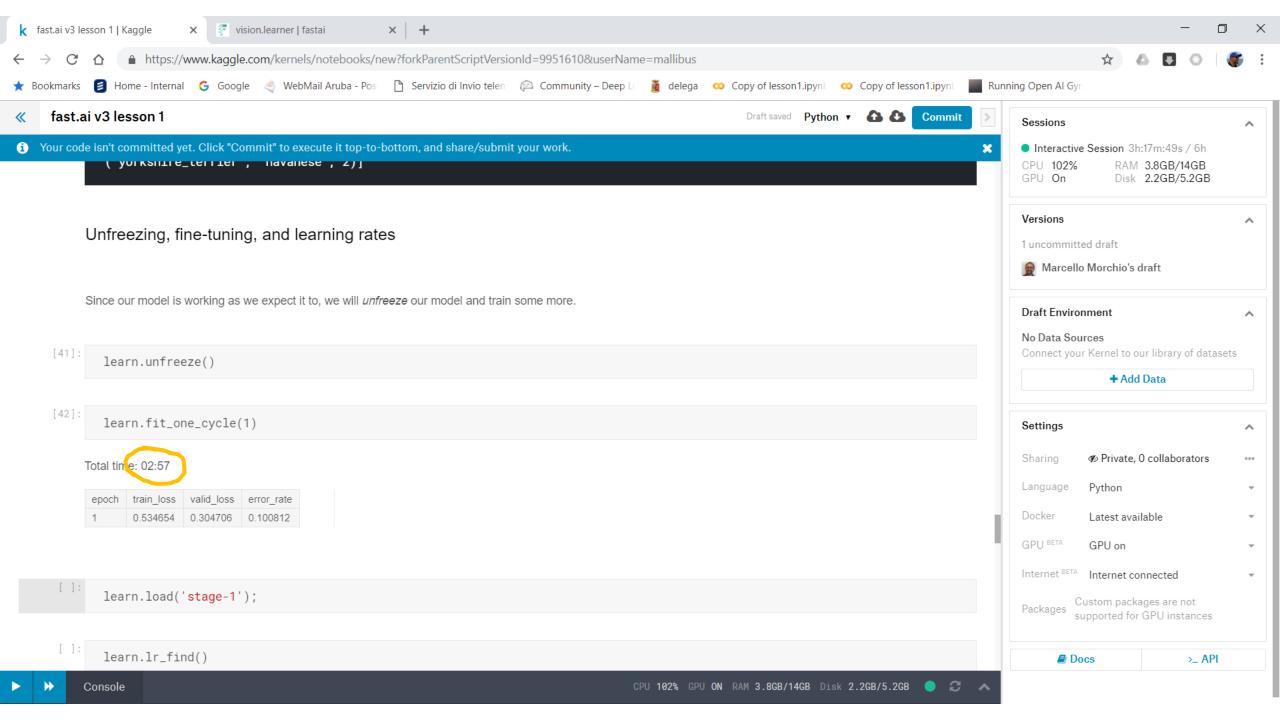


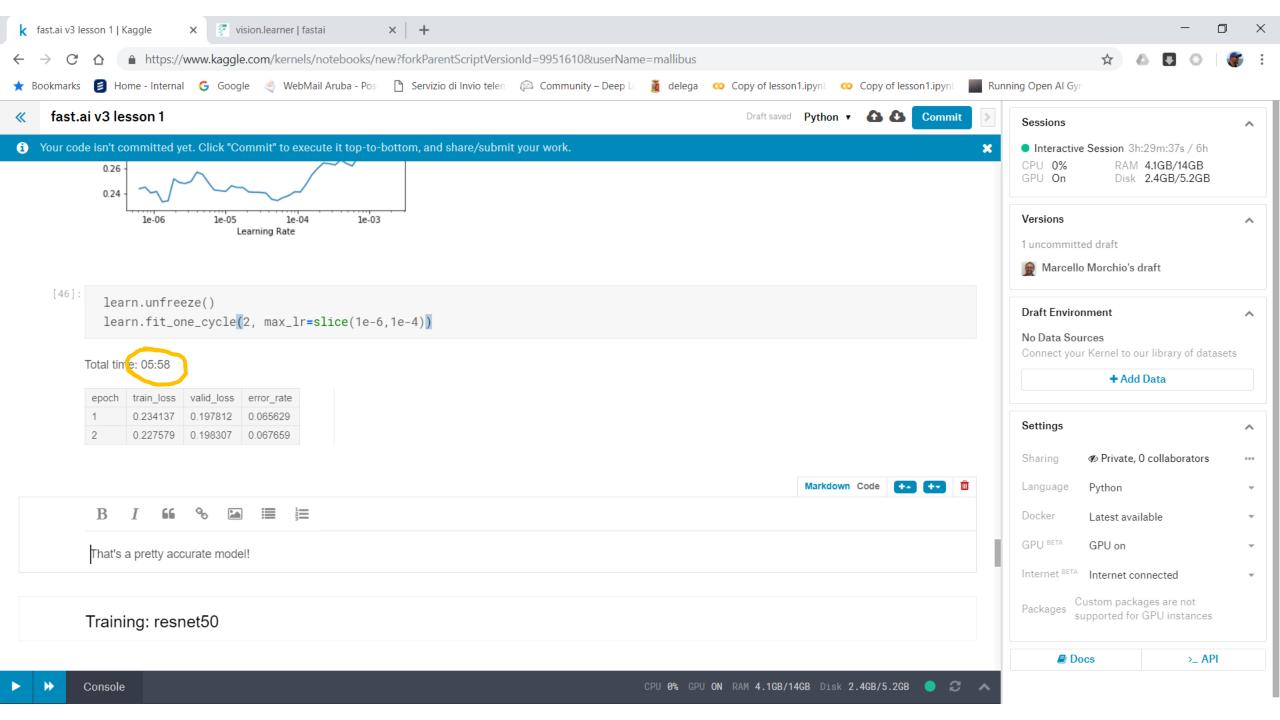


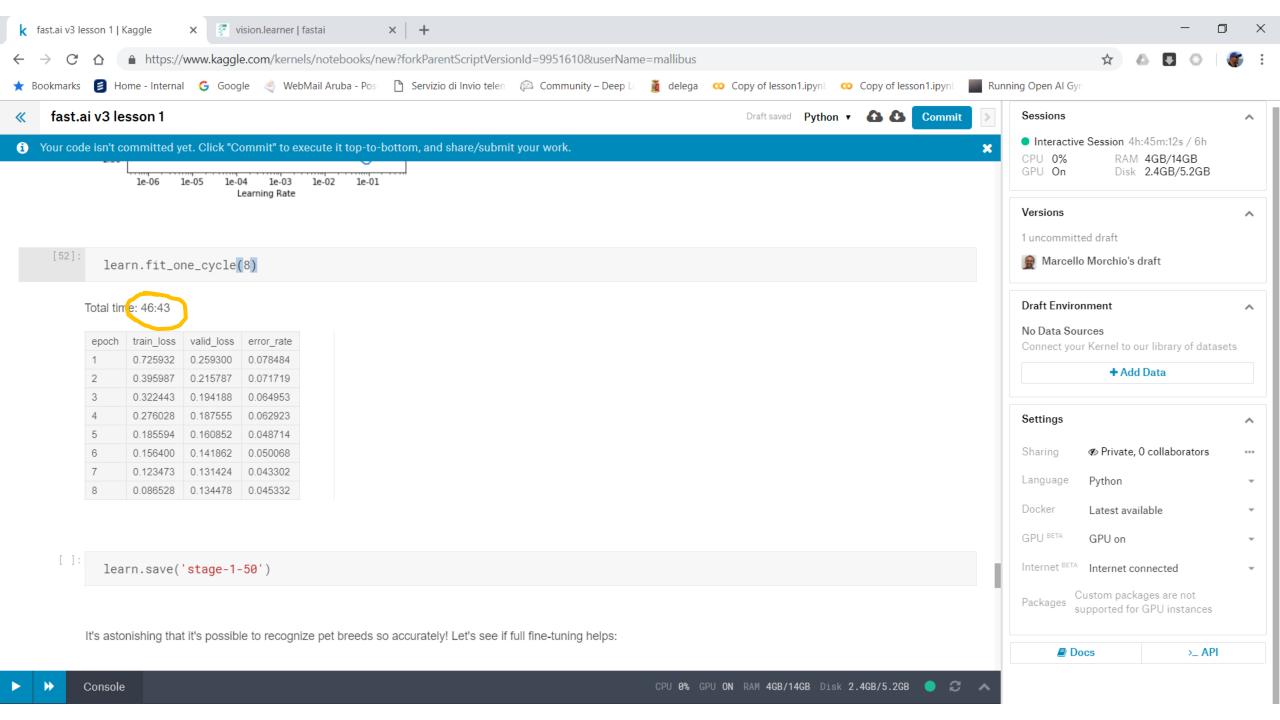


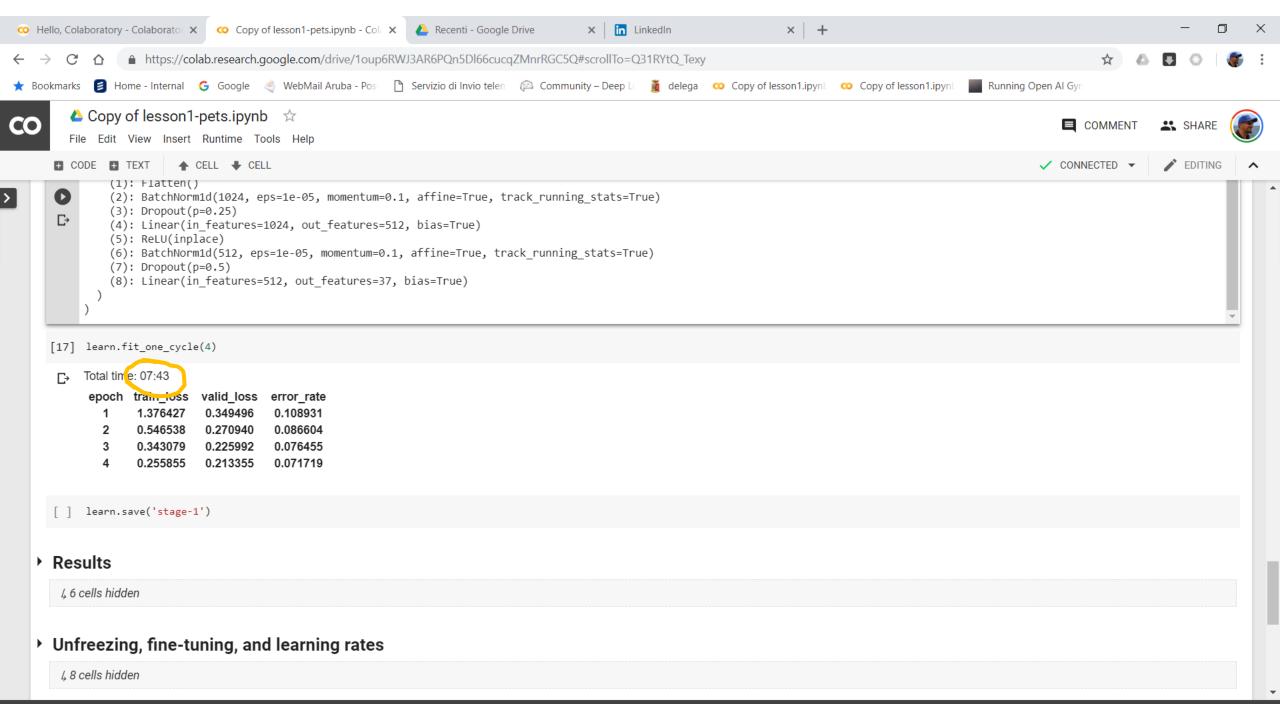


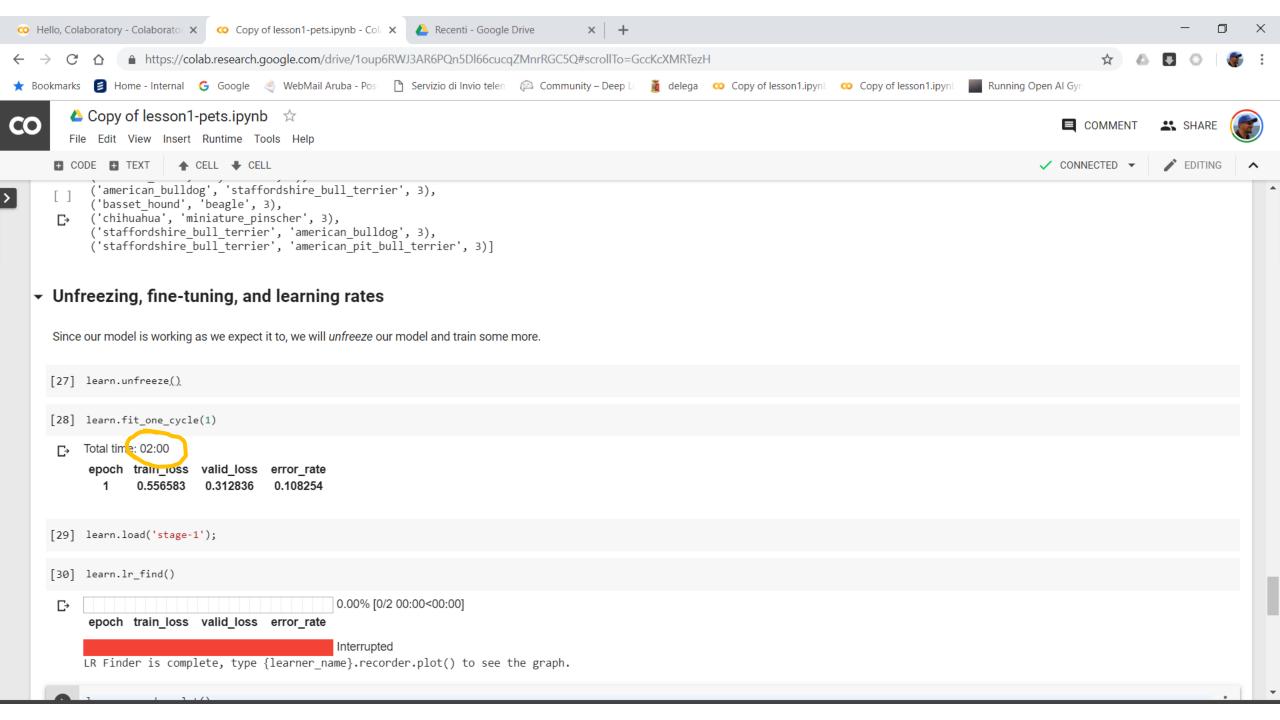


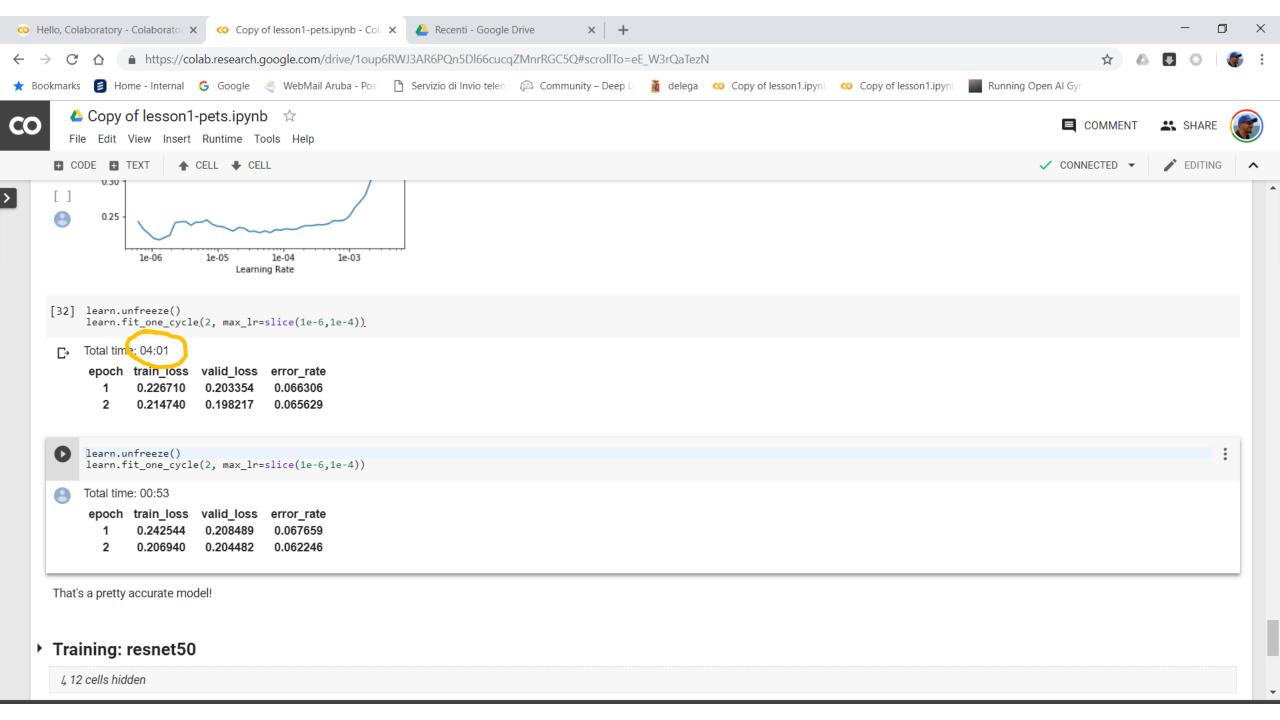


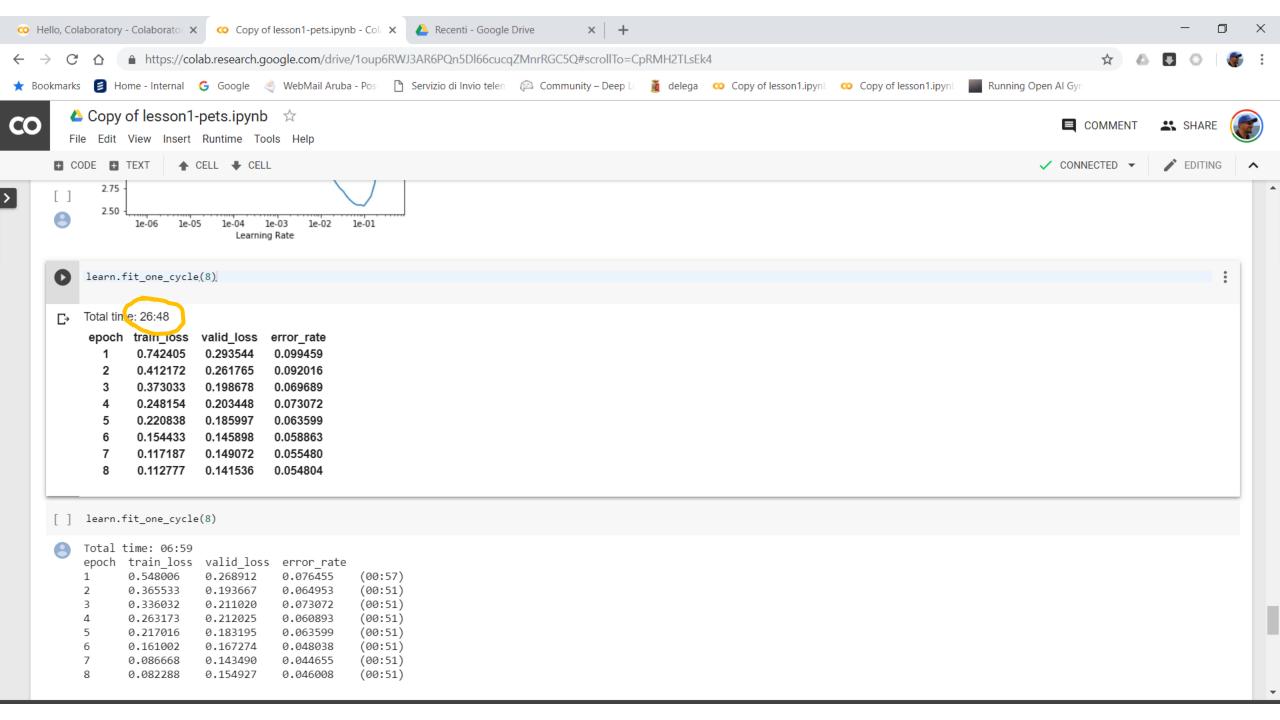


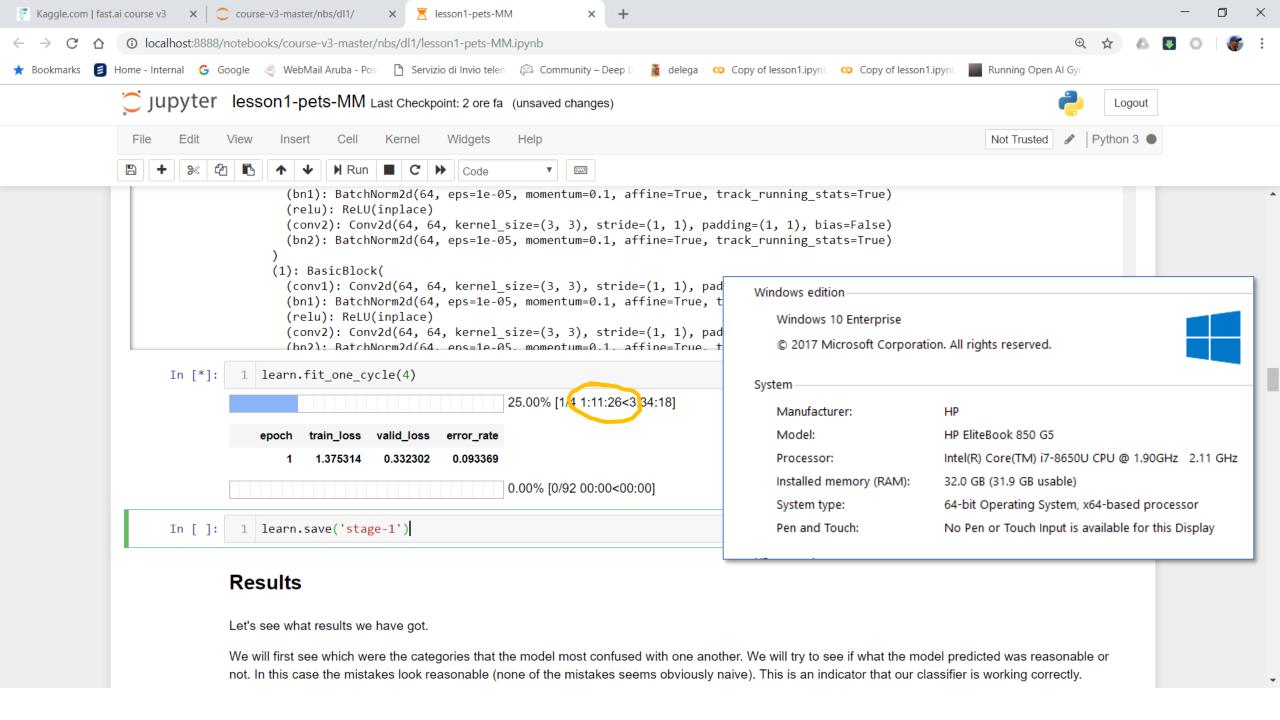












Utilities

- Documentation visualization
 - Kaggle: OK doc(function) pops up the text and the links
 - Colabs: Not OK doc(function) does not pop up anything

