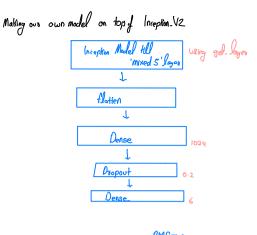
Goal:	leavising transfer leavising on CNNs - Res Net, Vaall, Inception Net
°Librasies	rumpy Pandas Ansorphia. Keras. poeprocessing. image ima_to_assiag.
· Rhep :	bepair the data: load the Image using loading & Reshape to 150×150 ing = loading (ing_path, target_size = (150, 150)) next convert it to array & Novemblize and add to our traing set Do the Same loo all type of Claver with their labels
°8kpd:	Concatenate alifferent classes into 21_train \$ their labels into y-train we get (14034, 150, 150, T) \$ (14034)
Case I.	Impost Inception model from Jencoiplou. Keros. applications. inception NJ impost Inception NJ To loads weight from a local file:
	pre-trained-model = Inception V3 (input. Rhape = (150, 150,3), include_top = Fake, woights = None, Pre-trained-model load_wights (location of weights for inception-model) o In my case 9 haul broned of weight training.
	2 layer_name. trainable - false



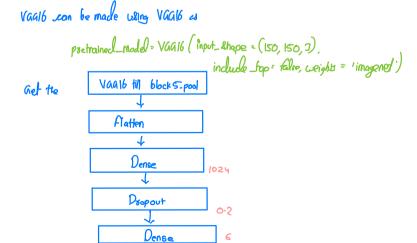
- o Compile with low: "spaise_Categorical_Conventionpy

 Metrics = Accuracy
- · fit _ epoch: 10

 -> Others case caulifle we use weight of Image net,
 which one subject parameter of Incoprion_V2

CASE IL: VGG16

(A) VAGIG With Imagened weights



Case IL: Res Net 50

· ResNet with howelf poetrained weights by Image Net
poetrained_model = Res Net 50 (input_data = (150, 150, 1), include_top = False,

weights = 1 imagenet)

sul can modify if as

