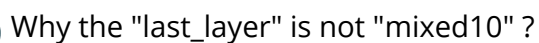


## All

### Assignment: Exercise 3 - Horses vs. humans using Transfer Learning

## ← Assignment: Exercise 3 - Horses vs. humans using Transfer Learning



**Jeff Chiu** Assignment: Exercise 3 - Horses vs. humans using Transfer Learning · a year ago

The last item in `pre_trained_model.summary()` is "mixed10" of shape (None, 3, 3, 2048) but the answer seems expecting an earlier layer with output shape (None,7,7,768). Why "mixed10" is not the last layer?

My last 3 items of the `.summary()`

```
14 Non-trainable params: 21,802,784
15
```

7 Upvotes

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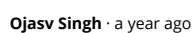
### Most Recent

R | **Rushikesh Jachak** · a year ago

Mixed10 layer is more specific to feature on which it was trained compared to mixed 7, therefore in the course they went with mixed7, It's not a hard and fast rule to go with mixed 7, if our data is more similar to the data on which it was trained then we can even go with mixed 10 layer, or else it is better to practice to select 2nd last or 3rd last layer.

↑ 10 Upvotes

 Hide 4 Replies



Might sounds dumb, but where is mixed7? I did a model.summary and there was no mixed 7

0 Upvotes

LR **Lakshay Sagar Rana** · a year ago

it is , its just " little " above .

0 Upvotes



MR **Marc Eizaguirre Roig** · a year ago



I understand what you mean but I still think that last\_layer should be mixed10, not mixed7. Perhaps when the course was made last layer was exactly mixed7, It's the only reasonable explanation it comes to my mind.

↑ 1 Upvote

LH **Lin Min Htoo** · a year ago



Why do you still think last layer should be mixed10? It was probably a decision made by the course instructor. Rushikesh's explanation makes sense as well. If it gives good results, then that's all that matters. Maybe you can try with last layer as mixed10 and see if it improves the test accuracy/loss. My guess is the instructor tried that and it didn't improve the score.

↑ 2 Upvotes

SD

**B** *I* U | |

Reply

◀ 1 ▶

SD

**B** *I* U | |

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