S2

Due Aug 9 at 11:59pm   **Points** 1,750   **Questions** 5

Available Jul 18 at 10am - Aug 9 at 11:59pm 23 days   **Time Limit** None

Allowed Attempts Unlimited

Instructions

There is no time limit, only a deadline, and multiple submissions are allowed.

<div style="text-align:center;">

[**Take the Quiz Again**]

</div>

Attempt History

	Attempt	**Time**	**Score**
LATEST	**Attempt 1**	4 minutes	750 out of 1,750 *

* Some questions not yet graded

Score for this attempt: **750** out of 1,750 *
Submitted Aug 9 at 7:17pm
This attempt took 4 minutes.

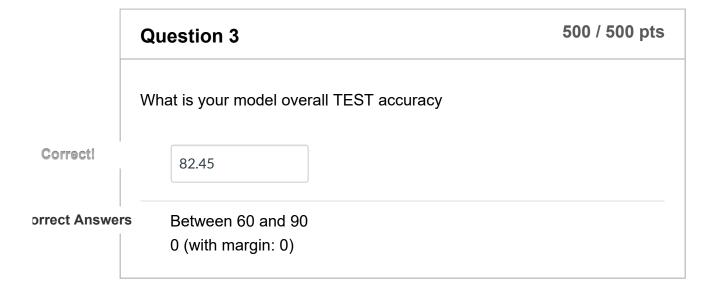| **Question 1**	**Not yet graded / 0 pts**

Please mentioned email addresses of all your group members including yours.

Your Answer:

- Praveen Raghuvanshi (**praveenraghuvanshi@gmail.com (mailto:praveenraghuvanshi@gmail.com)**)

- Tusharkanta Biswal (**Tusharkanta_biswal@stragure.com (mailto:Tusharkanta_biswal@stragure.com)**)

- Suman Kanukollu (**sumankanukollu@gmail.com (mailto:sumankanukollu@gmail.com)**)

- Shubham Kothawade (**kothawadeshub@gmail.com
  (mailto:kothawadeshub@gmail.com)**)

Question 2   250 / 250 pts

How many images did you add to the Data Folder

Correct!

1,050

orrect Answers   Between 900 and 1,200

Question 3   500 / 500 pts

What is your model overall TEST accuracy

Correct!

82.45

orrect Answers   Between 60 and 90
                          0 (with margin: 0)

Question 4   Not yet graded / 0 pts

What was your strategy for training the images on 224x224 even though
original images were of different size.

Your Answer:

- Collected images from Google Drive (At the time we collect
  Wednesday Afternoon as per Admin, the total Number of Images :
  22K+)

- Observed few different type of Images well other tahn *.jpg or *.png (like GIF, html,json...etc, few images with 0KB of size too)
- 1st, So through PIL and glob modules identified the images other than JPG/JPEG/PNG image types and removed those from the dataset.
- 2nd, In the JPG/JPEG/PNG images Identified "0 KB" files and removed through script.
- 3rd, using PIL module, resized the existing Image data set (21350) to 224*224*3
- Finally we trained our model on this data set 224*224*3

We resized the Images prior because, if we add resize in transformation :

- Execution time is getting increased due to calculations because of many computations in transformations
- Mainly observed that few images are of >64 MB in size.
  Resulting data set size is more.

Summary of data set size:

- Collected from Google drive : ~4 GB (22 K+ Images)
- After cleanup and resize of Images : 137 MB (21350 Images)

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orrect Answer

Question 5   Not yet graded / 1,000 pts

Share the link to your readme.md file on GitHub that

- explains the code,
- your resizing strategy,
- what model did you train,
- accuracy vs epochs graphs for train and test curves
- 10 misclassified images for each of the classes as an Image Gallery

Please remember all of these points are mentioned on your readme.md file.

Your Answer:

[https://github.com/praveenraghuvanshi/eva4-p2-group/blob/master/Session-2/Assignment-2/ReadMe.md (https://github.com/praveenraghuvanshi/eva4-p2-group/blob/master/Session-2/Assignment-2/ReadMe.md)](https://github.com/praveenraghuvanshi/eva4-p2-group/blob/master/Session-2/Assignment-2/ReadMe.md)

Quiz Score: **750** out of 1,750