



Shopee Code League 2020

Competition #2 - Product Detection FAQ

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Use of Software

Questions	Answers
Can I use other public code (github repo) to solve this problem?	Yes, other public codes are allowed.
Can I use a pretrained model?	Yes, a pretrained model that trained on an open sourced dataset is allowed.
Can I use other types of machine learning?	Yes, other types of machine learning are allowed.
Is deep learning needed for this competition?	Not necessarily, it is up to you to decide on what methods you would like to use.
Is pre-knowledge of tensorflow required?	No, it is not. There are no restraints on the use of deep learning frameworks.
Can I use Computer Vision API like Google Vision?	No, it is not allowed
Am I allowed to perform data augmentation (scaling/flipping/etc.) on the training dataset?	Yes, it is allowed.
Can I use extra API for detection?	No, it is not allowed to use extra APIs.
Can I use IMAGENET?	Yes, it is allowed.
Is there any text provided to support the image classification?	No, there is no text to support image classification.

Categorisation

Questions	Answers
Can I manually correct the label of the objects that have been incorrectly classified?	Hand labelling refers to the manual process of changing the answers (labels) generated by the model. Hand labelling is <u>not allowed</u> in this competition. The use of a model or other techniques to remove the noise is allowed.
May I know what each category value represents?	This information will not be provided as it has been desensitized.
Do I assign labels with actual category names (string) or category values such as 0 or 1?	Please provide category names in number form, with a zero-pad like "00", "01" for single digit categories.
What do the 1s and 0s represent in the output?	They are different categories.
Are there multi-level categories?	No, there is not.
Are there multiple objects in 1 image?	No, there is not. Each image is associated with only 1 label.
Every category value in the test data is 43. Why is that so?	During submission, you are required to replace the category value of 43 with your model predictions.
Can I automate a reverse image search and then classify the products?	No, it is not allowed.
Do the test images contain only object types that are in the training data?	Yes, the test images only contain object types that are already featured in the training data

Bounding Boxes

Questions	Answers
Do I need bounding boxes for product detection?	No, there is no need. This competition is about image classification.

Labelling

Questions	Answers
Can I do manual labelling?	<p>Hand labelling refers to the manual process of changing the answers (labels) generated by the model. Hand labelling is <u>not allowed</u> in this competition.</p> <p>The use of a model or other techniques to remove the noise is allowed.</p>
Can I correct the labels in the training set?	Yes, correction of labels is only allowed for the training dataset.
Can I label "external" data manually?	No, it is not allowed.

Noisy Data

Questions	Answers
Can I manually clean noisy data?	<p>Hand labelling refers to the manual process of changing the answers (labels) generated by the model. Hand labelling is <u>not allowed</u> in this competition.</p> <p>The use of a model or other techniques to remove the noise is allowed.</p>

Computational Resources

Questions	Answers
Will any GPU computing resources be provided?	No GPU computing resources will be provided.
Will cloud credits be provided for those who need more computational power?	No cloud credits will be provided.

Submission

Questions	Answers
Does the speed of submission affect the points gained?	No, for this competition only the score obtained on the Private Leaderboard would affect the points gained. Submission time is not a factor.
Do I need to send over the trained model?	<p>The top 100 teams will need to submit their complete scripts via email to techsg@shopee.com with the subject line: Category - Team Name (Rank) - Challenge Date. The name of the script should be the same as the subject line.</p> <p>To ensure a fair competition, we will evaluate the source code and trained model to rerun for the result.</p>
Will I get to test my answer?	Yes, you will be able to on the Kaggle platform.
If I use a pre-trained model, do I need to submit pre-trained weights?	<p>The top 100 teams will need to submit their complete scripts via email to techsg@shopee.com with the subject line: Category - Team Name (Rank) - Challenge Date. The name of the script should be the same as the subject line.</p> <p>To ensure a fair competition, we will evaluate the source code and trained model to rerun for the result.</p>
What is the format for submission?	File submitted should be in csv. format containing the image ID and its predicted category value.
Do I need to submit 42 csv. files for each category?	No, 1 is enough.
How many submissions am I allowed per day?	<p>5 submissions daily*.</p> <p>*For all Data Science Competitions [20 Jun] Product Detection [4 Jul] Title Translation [18 Jul] Sentiment Analysis</p>

Others

Questions	Answers
Is this an object detection or classification competition?	This is an image classification competition challenge.
What does the tiers mean in the point system?	<p>Each competition has a different amount of points awarded for different tiers of scores on the Private Leaderboard based on the difficulty of the competition.</p> <p>For more information on how to determine your scores, please refer to Annex G of the Kaggle Admin Guide V2 here.</p>