20 : 16 : 13 : 20
DAY HRS MIN SEC

HackerEarth Deep Learning Challenge: Snakes in the hood

LIVE

Nov 02, 2020, 04:00 PM CET - Dec 17, 2020, 04:00 PM CET

Identify the snake breed

Max. score: 100

Problem statement

The government has been facing a long-standing issue of wild animals entering residential areas due to various reasons. It's of critical importance that if any such dangerous animal is encountered, the concerned authority should be notified immediately. Reptiles, especially snakes, are among the most dangerous animals and they often enter residential areas.

Recently due to an incident of a youngster getting bitten by a snake, the government decided to install cameras at every corner of the road to detect snakes and other animals.

You have been hired as a Deep Learning engineer to create a sophisticated model that can detect the breed of a snake from its image.

Data description

This data set consists of the following two columns:

Column Name	Description
image_id	Name of the image file
breed	Snake breed [35 different breeds]

The data folder consists of two folders and two .csv files. The details are as follows:

- train: Contains 5508 images for 35 classes
- test: Contains 2361 images
- train.csv: 5508 x 2
- test.csv: 2361 x 1

Submission format

You are required to write your predictions in a **.csv** file and upload it by clicking the **Upload File** button.

Sample submission

```
image_id,breed
a8b3ad1dde,nerodia-erythrogaster
8b492b973d,pantherophis-vulpinus
929b99ea92,thamnophis-sirtalis
bbac7385e2,pantherophis-obsoletus
ef776b1488,agkistrodon-contortrix
```

Evaluation metric

$$score = 100 * f1\_score(actual\_values, predicted\_values, average =' weighted')$$

Note: To avoid any discrepancies in the scoring, ensure that all the index column (**image_id**) values in the submitted file match the values in the provided **test.csv** file.

Download dataset

Upload Prediction File

Please upload the prediction file in the format as stated in the problem.

Choose File No file chosen

Submit & Evaluate

Upload Source Files

You need to submit a zip or tar archive consisting of a text file explaining your approach, details about feature engineering, tools you used and the relevant source files.

Choose File No file chosen

Upload

?

+1-650-461-4192

contact@hackerearth.com

Resources

- Tech Recruitment Blog
- Product Guides
- Developer hiring guide
- Engineering Blog
- Developers Blog
- Developers Wiki
- Competitive Programming
- Start a Programming Club
- Practice Machine Learning

Solutions

- Assess Developers
- Conduct Remote Interviews
- Assess University Talent
- Organize Hackathons

Company

- About Us
- Press
- Careers

Service & Support

- Technical Support
- Contact Us

?