Sport Image Classification

AIT Deep Learning 2021 Spring Project Work

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The problem

- Original idea: pictures on Nóri's wall.
- Given an image, decide what sport is being played

→ "volleyball"

Our dataset

Badminton Court
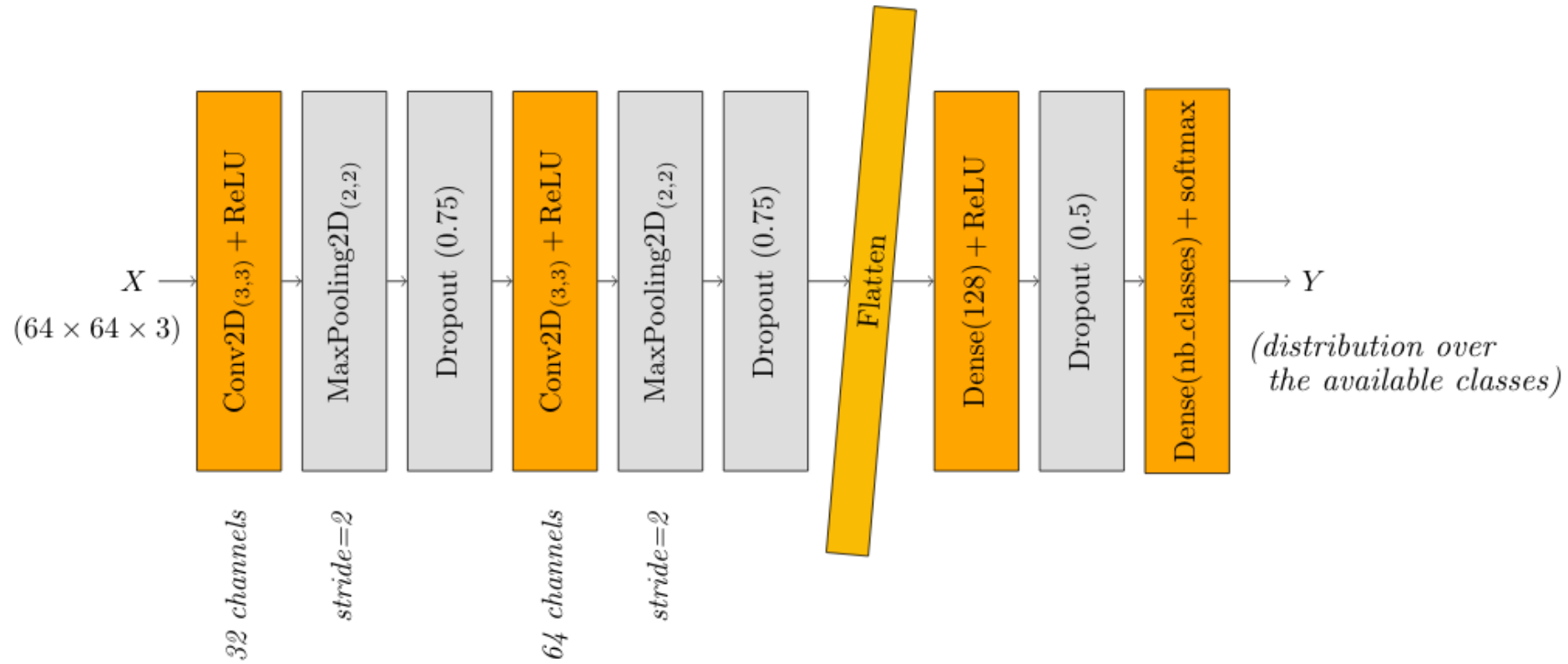
- Merged different sport image datasets from Kaggle
- 22 different sports
- 14 568 different images
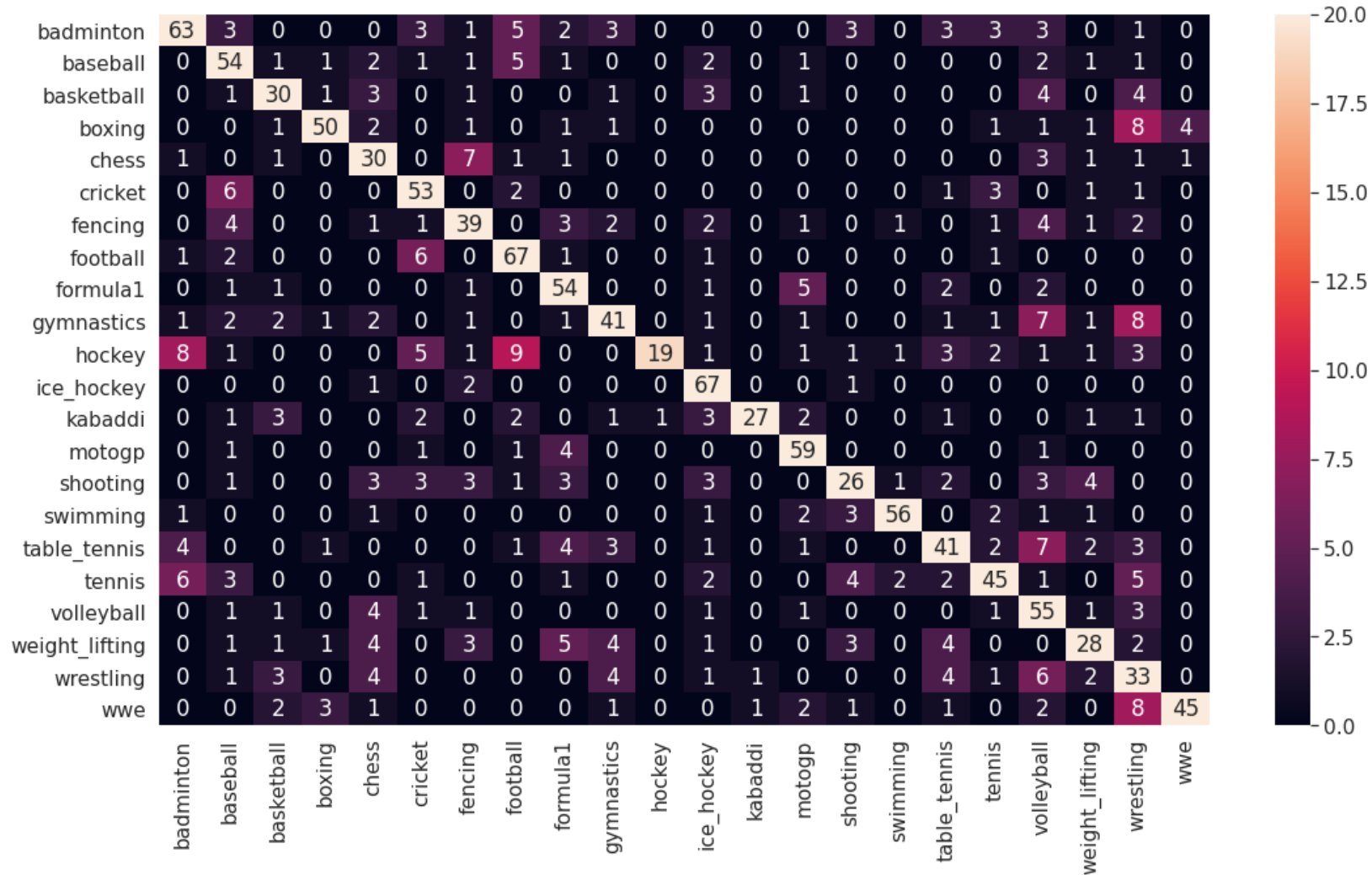- Lots of interesting images

These are all "badminton".

The architecture

Results

Testing it out "for real"

gymnastics (20.09%)
chess (12.48%)
basketball (12.43%)

The picture on Nóri's wall.

volleyball (24.99%)
 fencing (17.54%)
gymnastics (11.21%)

volleyball (65.03%),
shooting (8.56%),
gymnastics (7.63%)

Thank you for your attention!

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https://github.com/bobarna/dl-sport-detection