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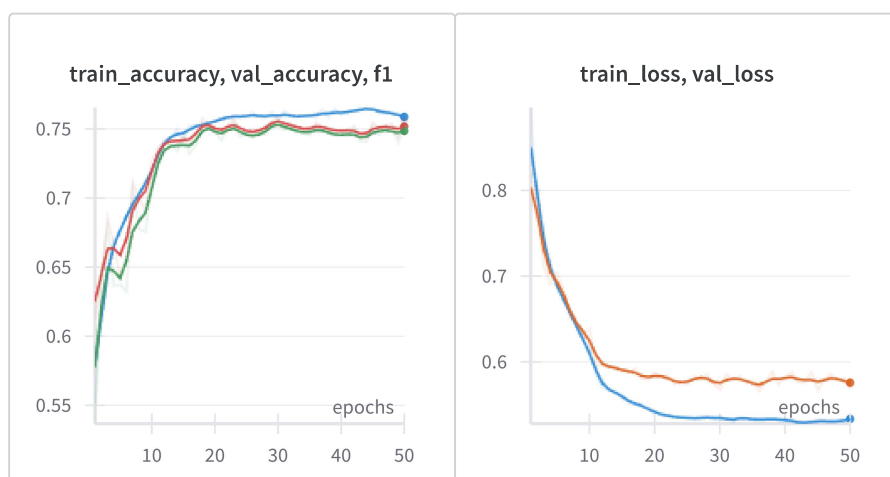
IAU-AgeRecognition

Project for classification faces based on age. Three classes were included: OLD, MIDDLE, YOUNG. We created 2 CNN models and used one pretrained model for comparison.

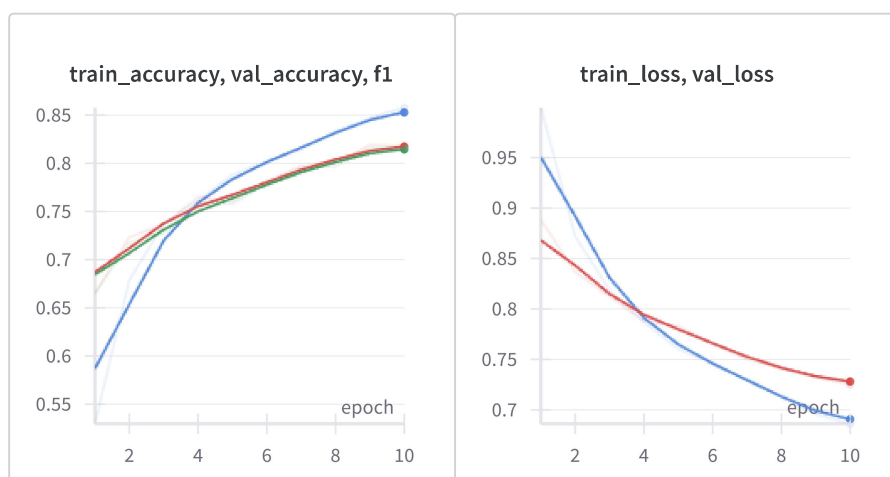
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First Custom CNN



Second Custom CNN



ResNet-18 - pretrained model



Conclusion

In our tests, ResNet-18 had largest overfit probably due to size of model and small size of data. Our second model had best results, but took the longest time to train maybe, If we pushed training till 20-25 epoch we would get around 90% accuracy without overfitting. First model was the most simple one and achieved average results.

Created with ❤️ on Weights & Biases.

<https://wandb.ai/riso-sleher-fiit-stu/age-recognition/reports/IAU-AgeRecognition--VmIldzoxMDUwMTA0Ng>