

Model Card: Team 2005_Greeninja Gender Classification

Dataset(s) Used

Primary pretrained source model: crangana/trained-gender (Hugging Face), fine-tuned on FairFace for binary gender classification. This submission uses the pretrained checkpoint converted to an offline PyTorch TorchScript .pth file.

Architecture

Backbone: Hugging Face ResNetForImageClassification. Input preprocessing: resize shortest edge to 256, center crop 224x224, ImageNet normalization. Inference uses test-time augmentation (original + horizontal flip) with probability averaging.

Number of Parameters

23,512,130 parameters (approx. 90.3 MB TorchScript checkpoint).

Training Strategy

No additional local fine-tuning was performed in this repository. Accuracy improvement was achieved by replacing a random baseline with a pretrained FairFace-based ResNet checkpoint and using stronger evaluation preprocessing.

Ethical/Bias Considerations

Gender appearance classification can encode demographic and cultural bias. Predictions do not infer identity, legal sex, or gender identity. Performance may vary across age groups, skin tones, occlusion, lighting, and non-binary presentation. Human oversight is required in downstream usage.