

Assignment 6

1. Download Tiny ImageNet (<https://github.com/rmccorm4/Tiny-Imagenet-200>). Use any Resnet models (pretrained). Integrate W&B to log training metrics, hyperparameters, and model artifacts. Visualize accuracy and loss curves in your W&B dashboard.

5 Marks

2. Deploy the model on Hugging Face as taught in the class

10 Marks

3. Simulate data drift by changing brightness or adding noise to Tiny ImageNet images. Log drifted accuracy and generate a W&B alert when accuracy drops significantly. Compare baseline vs drifted runs in W&B and create a report with screenshots.

(3+3+4) Marks