Super Resolution in Classification

- Target Audiences and Super Resolutions
- Project OverView
- Results and Challenges

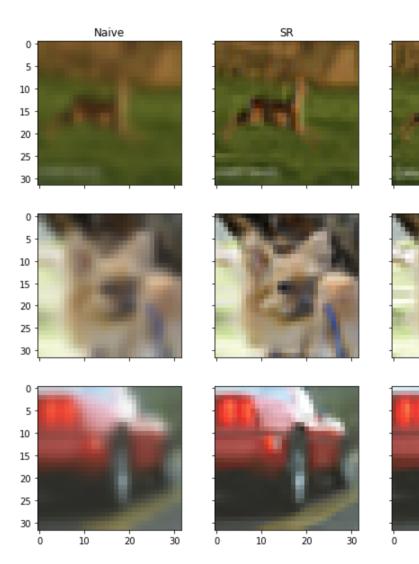
Target Aduiences And Super Resolutions

- 1. What is SuperResolutions
- 2. What is its application and relation to AI

Project OverView

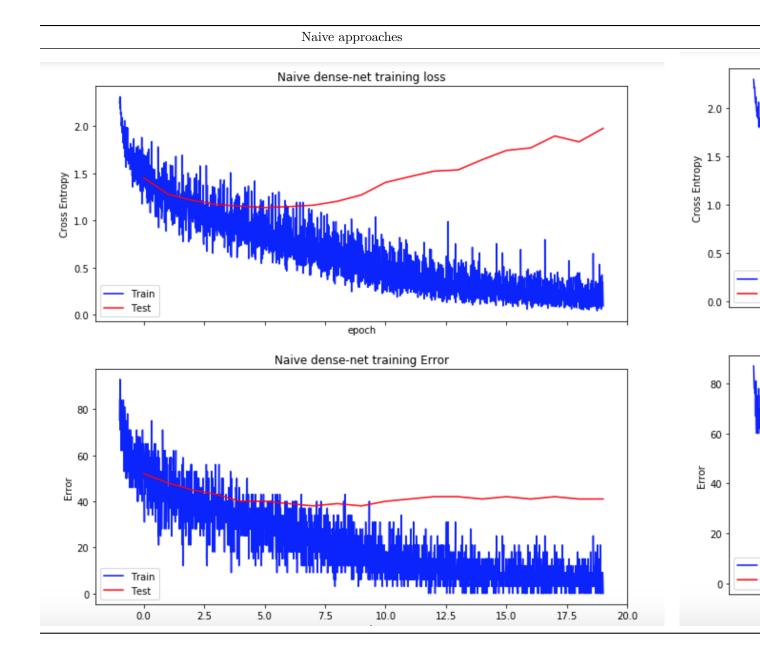
- What are we doing on this project?
 - so three types of images we doing it for presentation.
- What kind of networks are we using
 - MSRN
 - DenseNet
- How do we show the results?

Results



 $\bullet~$ Higher Resolutions means better feature points

Classification Results



Challenges

• Computation Resources

MSRN is really expensive to train

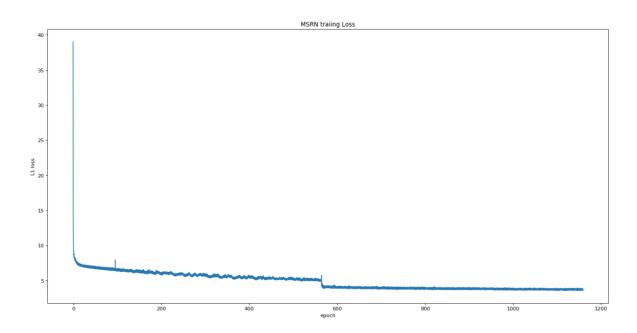


Figure 1: msrn learning curve

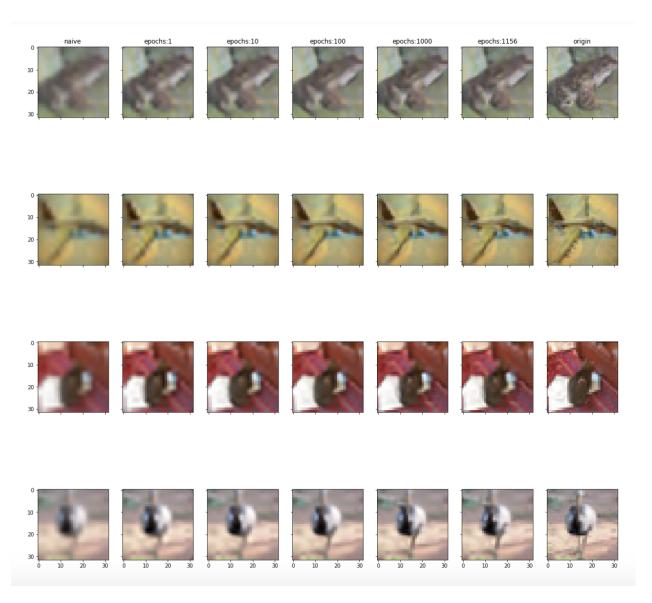


Figure 2: sr_show