Project Checklist

Sum of points

```
Problem Solved: 3pts
Model: 3pts
Dataset: 0pts
Training: 6pts
Tools: 2pts

Total: 14pts
```

Problem Solved

Task	Points	Status	Type
Super-Resolution	3pts	[x]	Mandatory
Additional Problem	1pts	[ ]	Additional

Model

Task	Points	Status	Type
Ready-Architecture Trained From Scratch	1pts	[x]	Mandatory
Additional Models	1/2pts	[2]	Additional
Non-Trivial solution	1pts	[ ]	Additional

Dataset

Task	Points	Status	Type
Minimal size: 200x200	0pts	[x]	Mandatory
At least 1k photos	0pts	[x]	Mandatory
10k photos	1pts	[ ]	Additional
Own 500 photos	1pts	[ ]	Additional

Training

Task	Points	Status	Type
Correctly selected loss function	0pts	[x]	Mandatory
Train, Val, Test	0pts	[x]	Mandatory

Task	Points	Status	Type
Metrics	0pts	[x]	Mandatory
Hyperparameter Tuning	1pts	[x]	Additional
Architecture Tuning	1pts	[x]	Additional
Overfitting some examples from train	1pts	[ ]	Additional
Data Augmentation	1pts	[x]	Additional
Cross-Validation	1pts	[x]	Additional
Distributed Learning	1pts	[ ]	Additional
Federated Learning	2pts	[ ]	Additional
Testing Few Optimizers	1pts	[x]	Additional
Testing Few Loss Functions	1pts	[x]	Additional

Tools

Task	Points	Status	Type
Git	0pts	[x]	Mandatory
MLflow, Tensorboard, Neptune, W&B	1pts	[ ]	Additional
Run as Docker	1pts	[x]	Additional
REST API or GUI (e.g., Gradio)	1pts	[x]	Additional
DVC	2pts	[ ]	Additional
Every other MLOps tool	1pts	[ ]	Additional
Label Studio or other data labeling	1pts	[ ]	Additional

Sources

https://medium.com/@zhuocen93/an-overview-of-espcn-an-efficient-sub-pixel-convolutional-neural-network-b76d0a6c875e