

# Advanced Topics in Machine Learning

## Super Resolution

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### **1 Task**

### **2 Architecture**

Our proposed architecture consists of two parts:

- Upscaling: Convolutional layers that perform upscaling to the desired image size.
- Refinement: A recurrent neural network that adds more detail to the upscaled image in an iterative manner.

### **3 Performed Experiments**

### **4 Implementation Notes**

### **5 Conclusion**