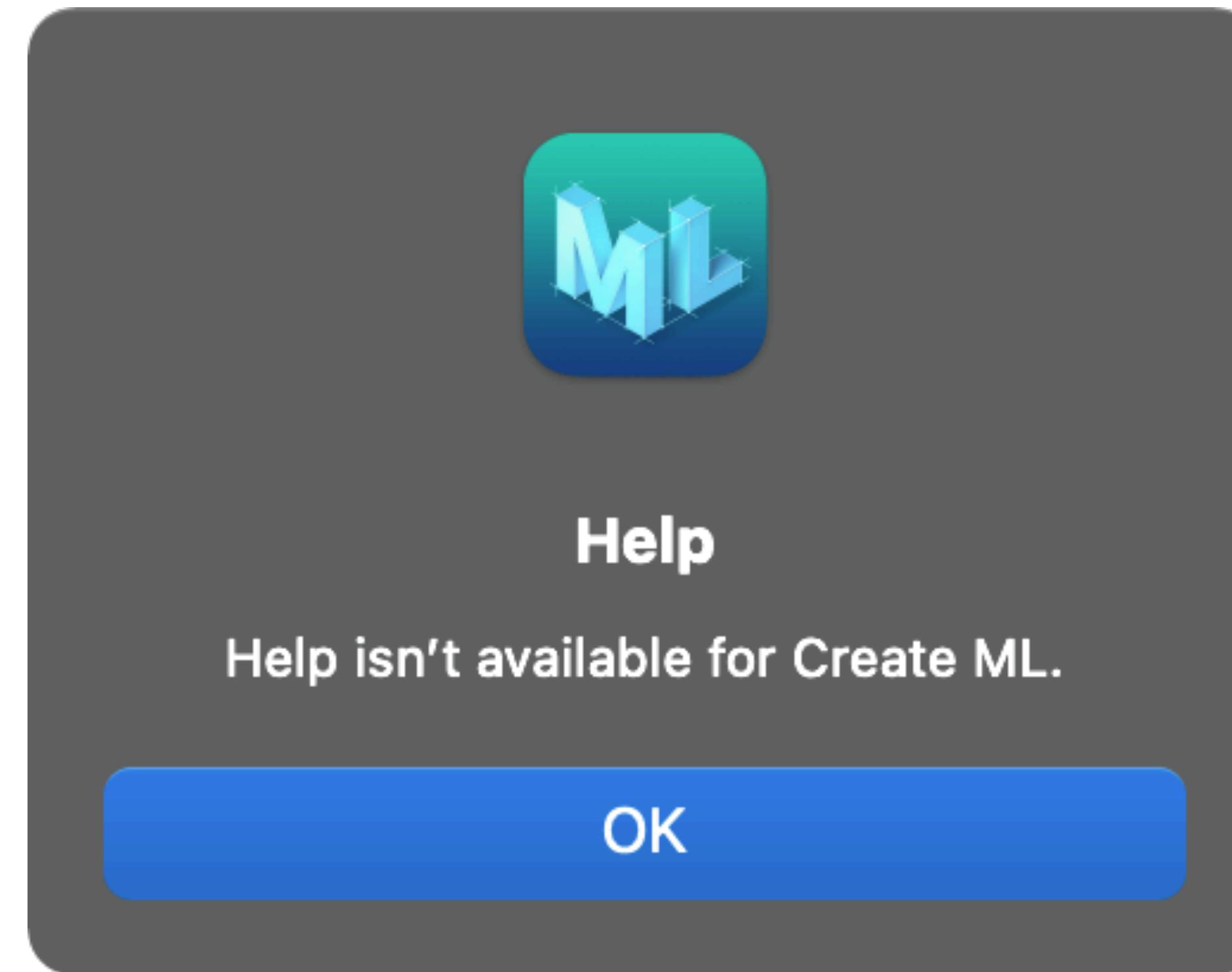




CreateML  
@flashspys

# CreateML's Documentation



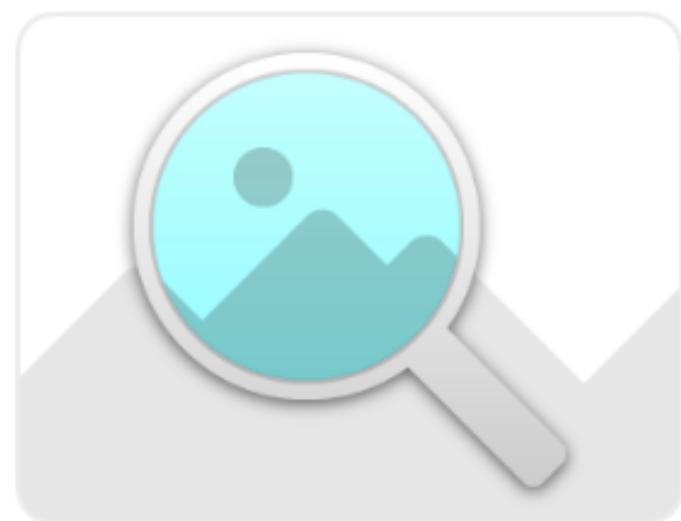


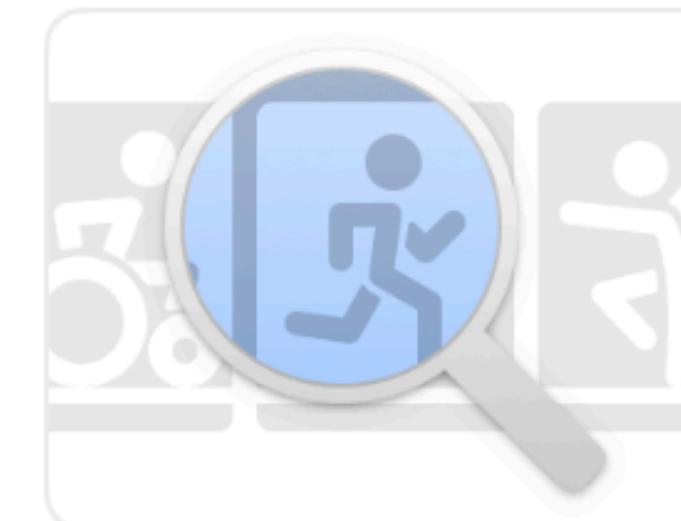
Image Classification



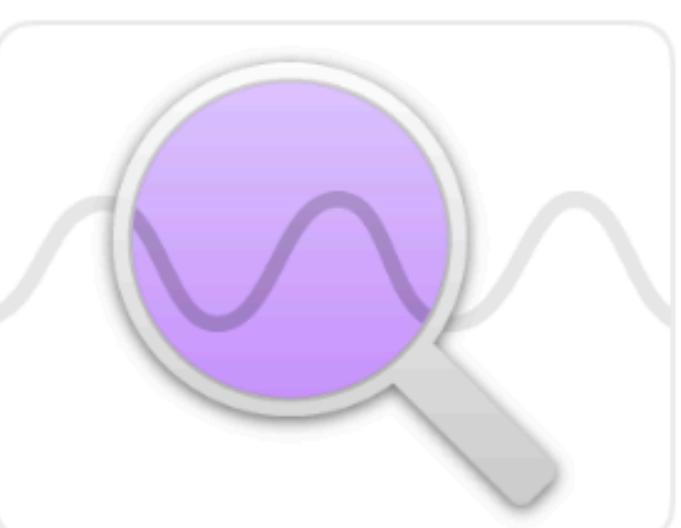
Object Detection



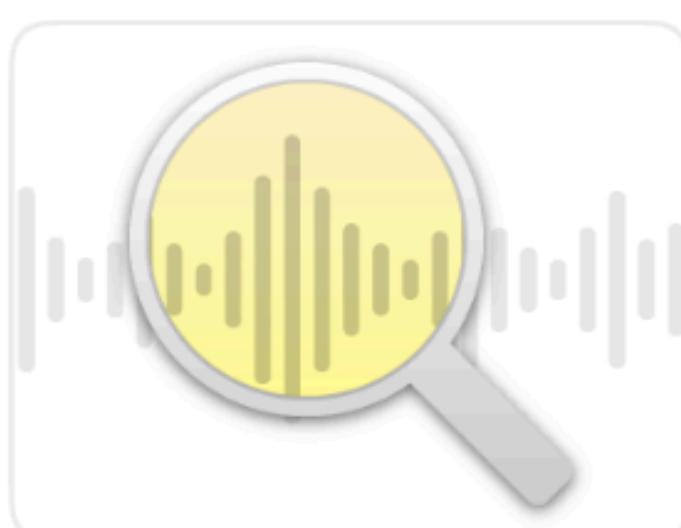
Style Transfer



Action Classification



Activity Classification



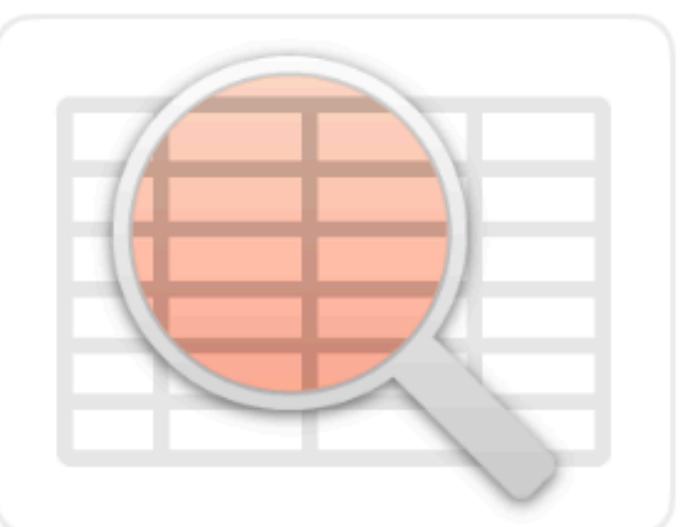
Sound Classification



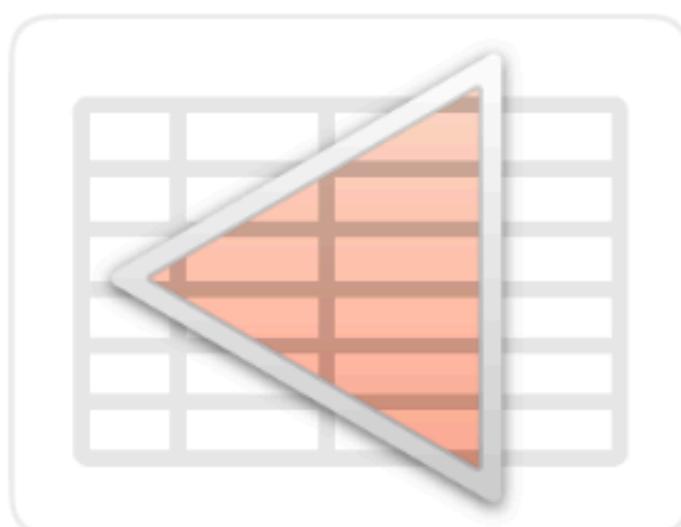
Text Classification



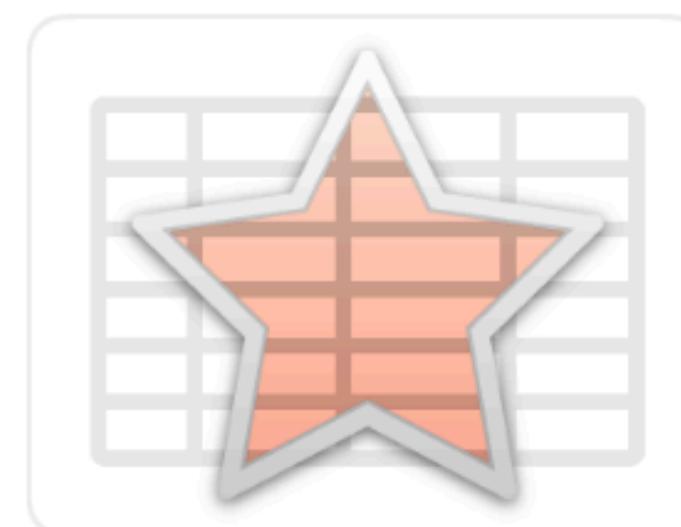
Word Tagging



Tabular Classification



Tabular Regression



Recommendation

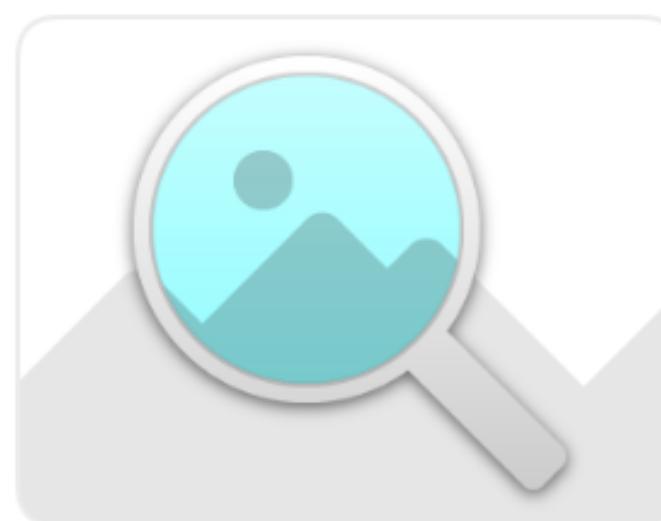
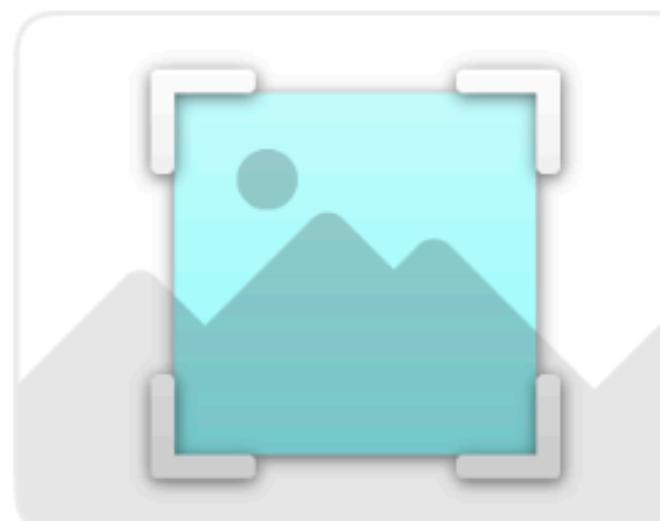
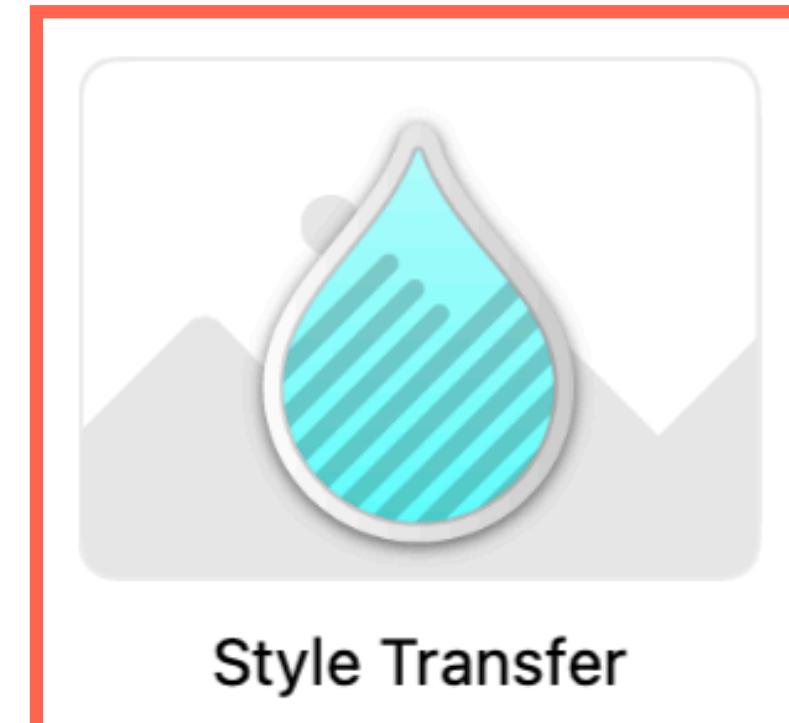


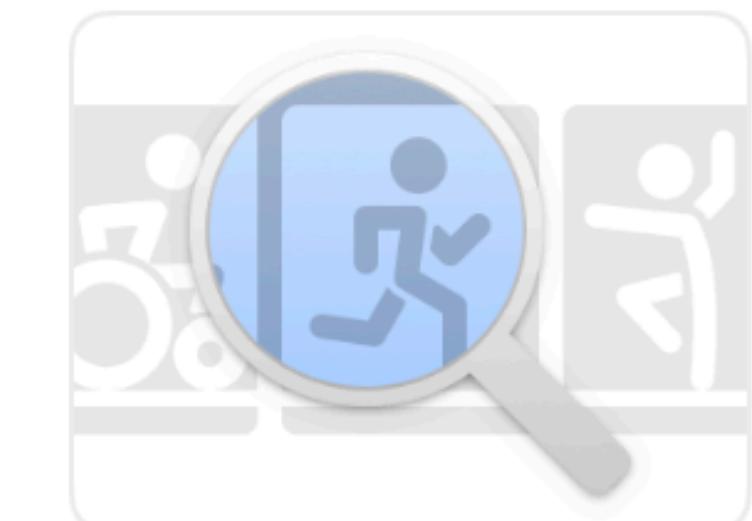
Image Classification



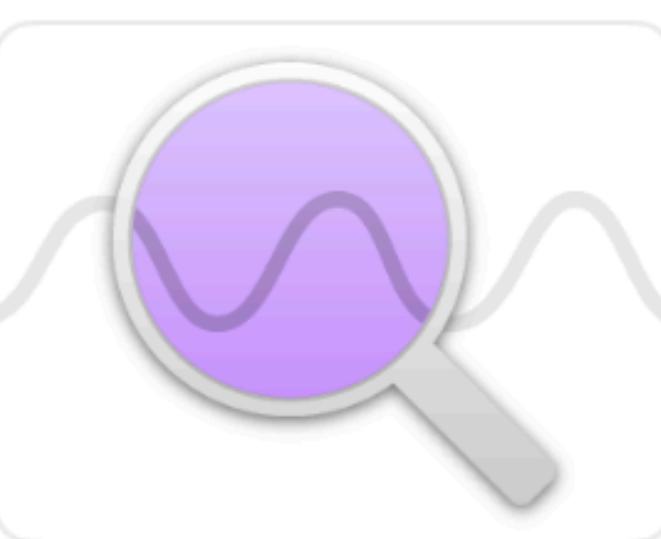
Object Detection



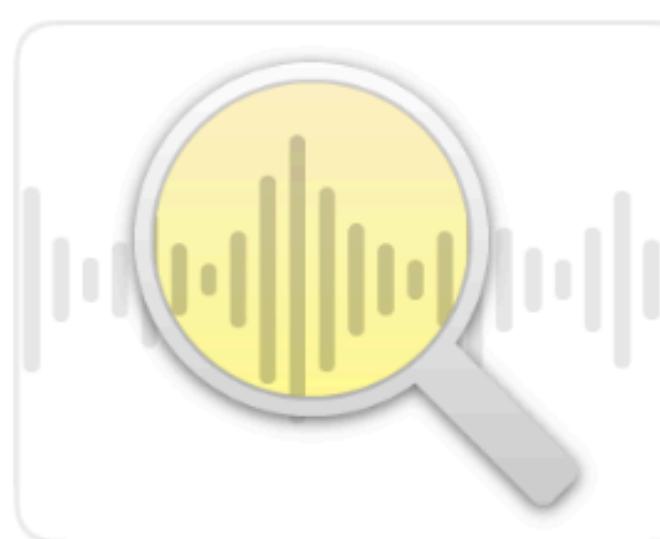
Style Transfer



Action Classification



Activity Classification



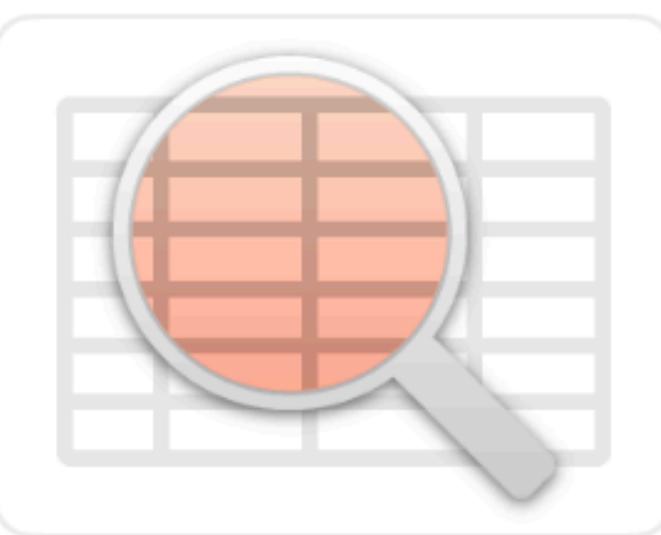
Sound Classification



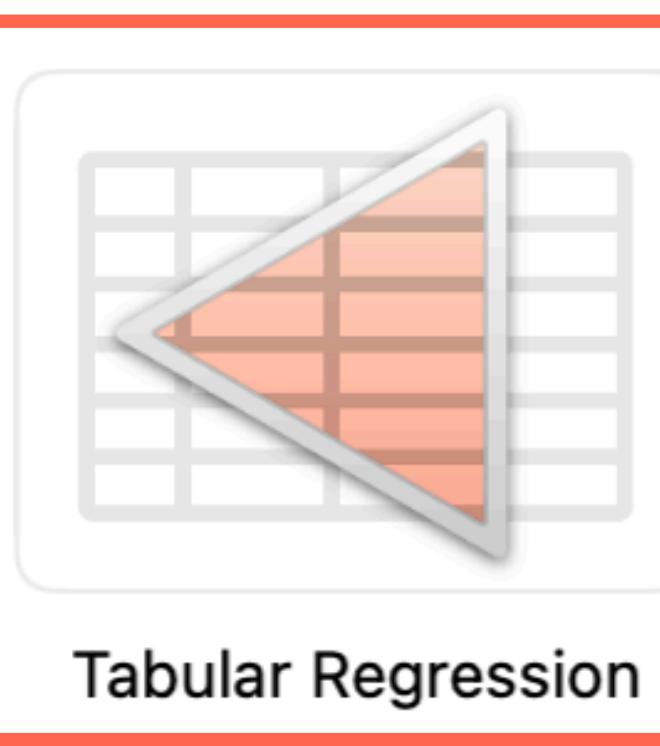
Text Classification



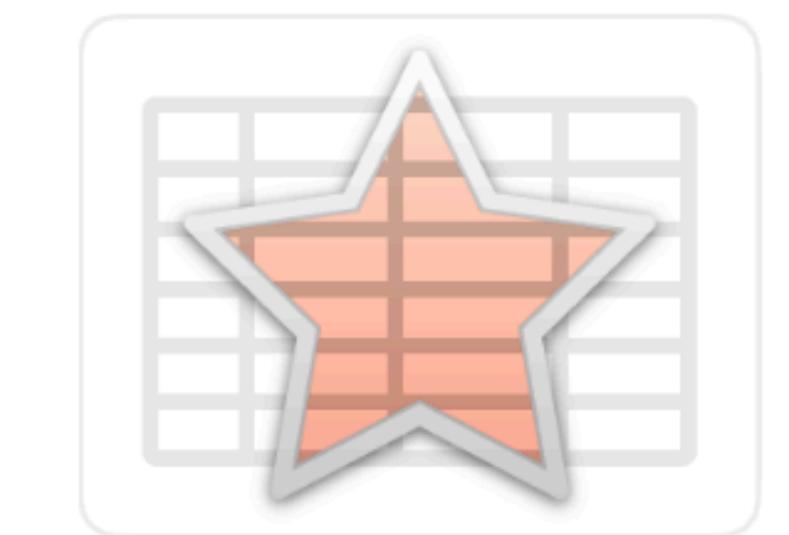
Word Tagging



Tabular Classification



Tabular Regression



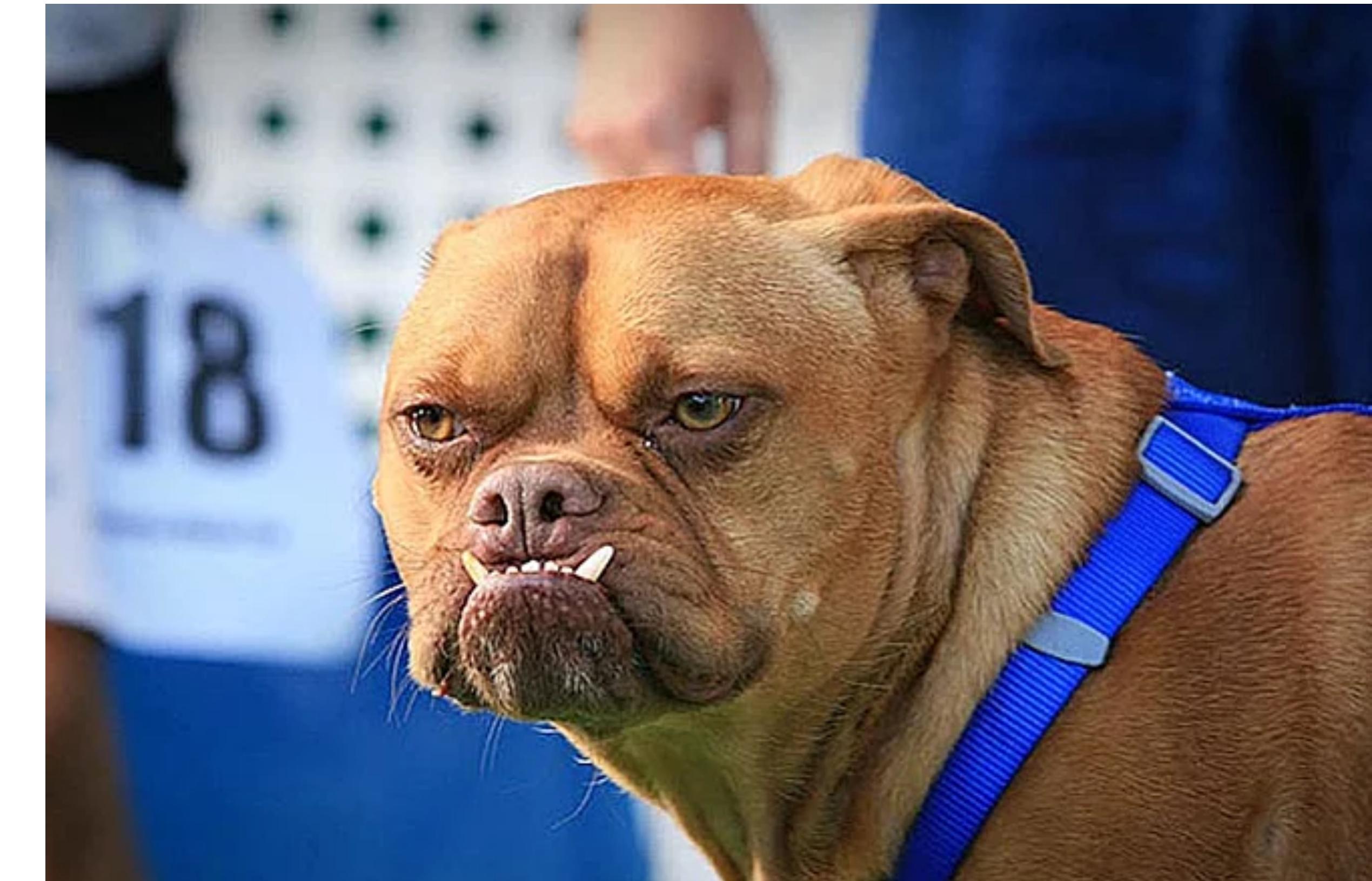
Recommendation

# Understanding Machine Learning in 3 Minutes

# Machine Learning



Cat



Dog

# Machine Learning



Cat



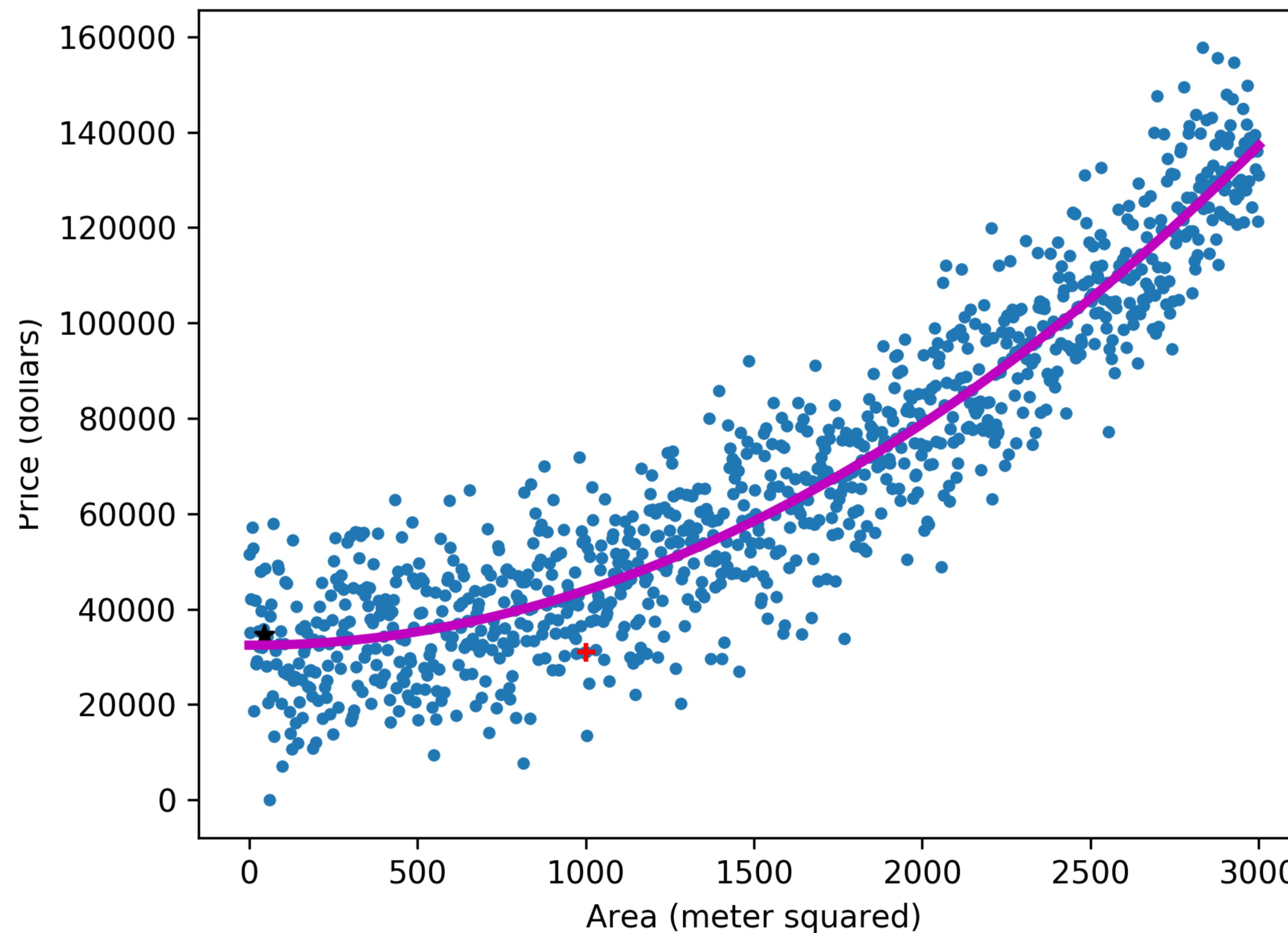
1.0

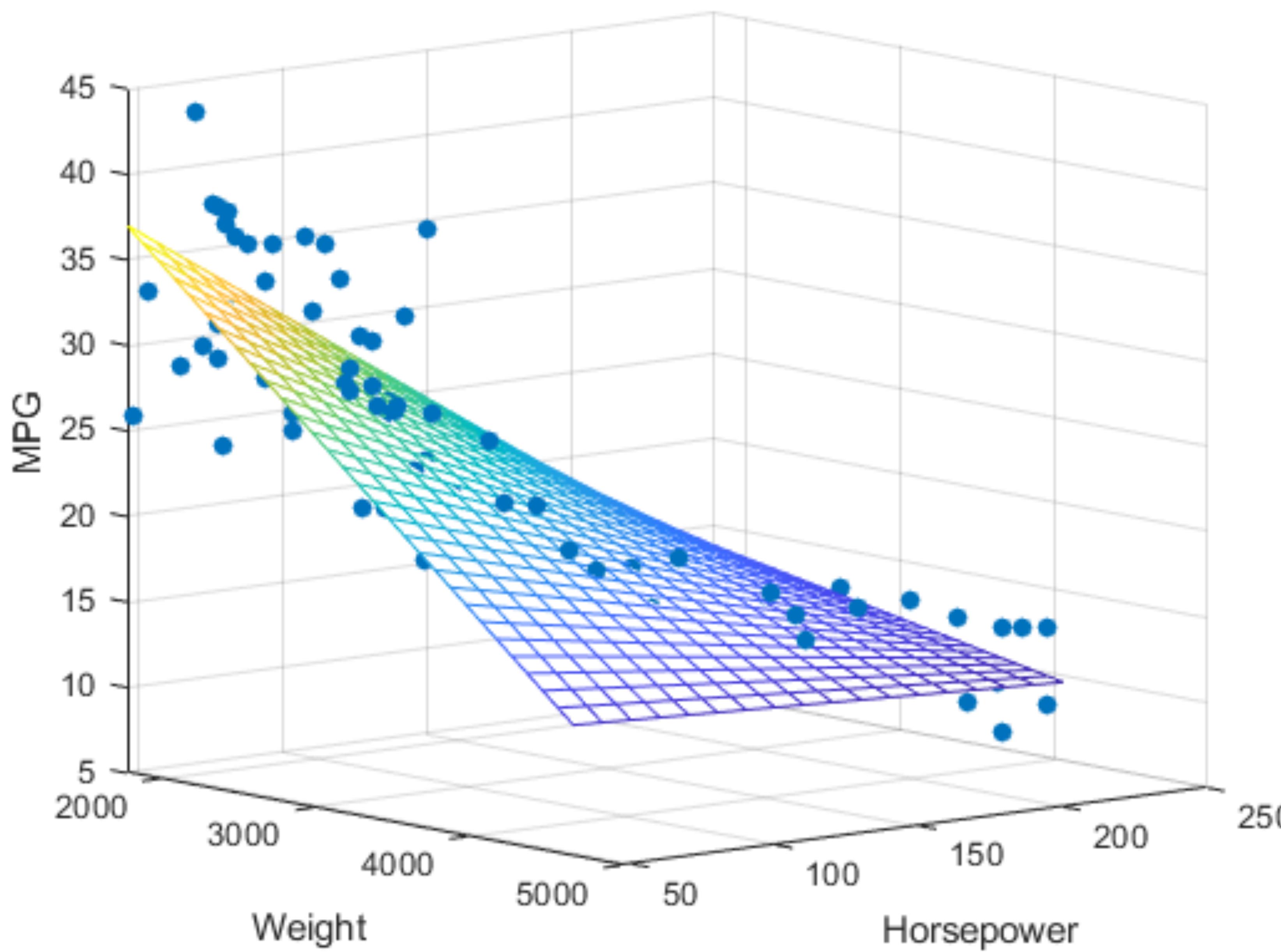


Dog

0.0

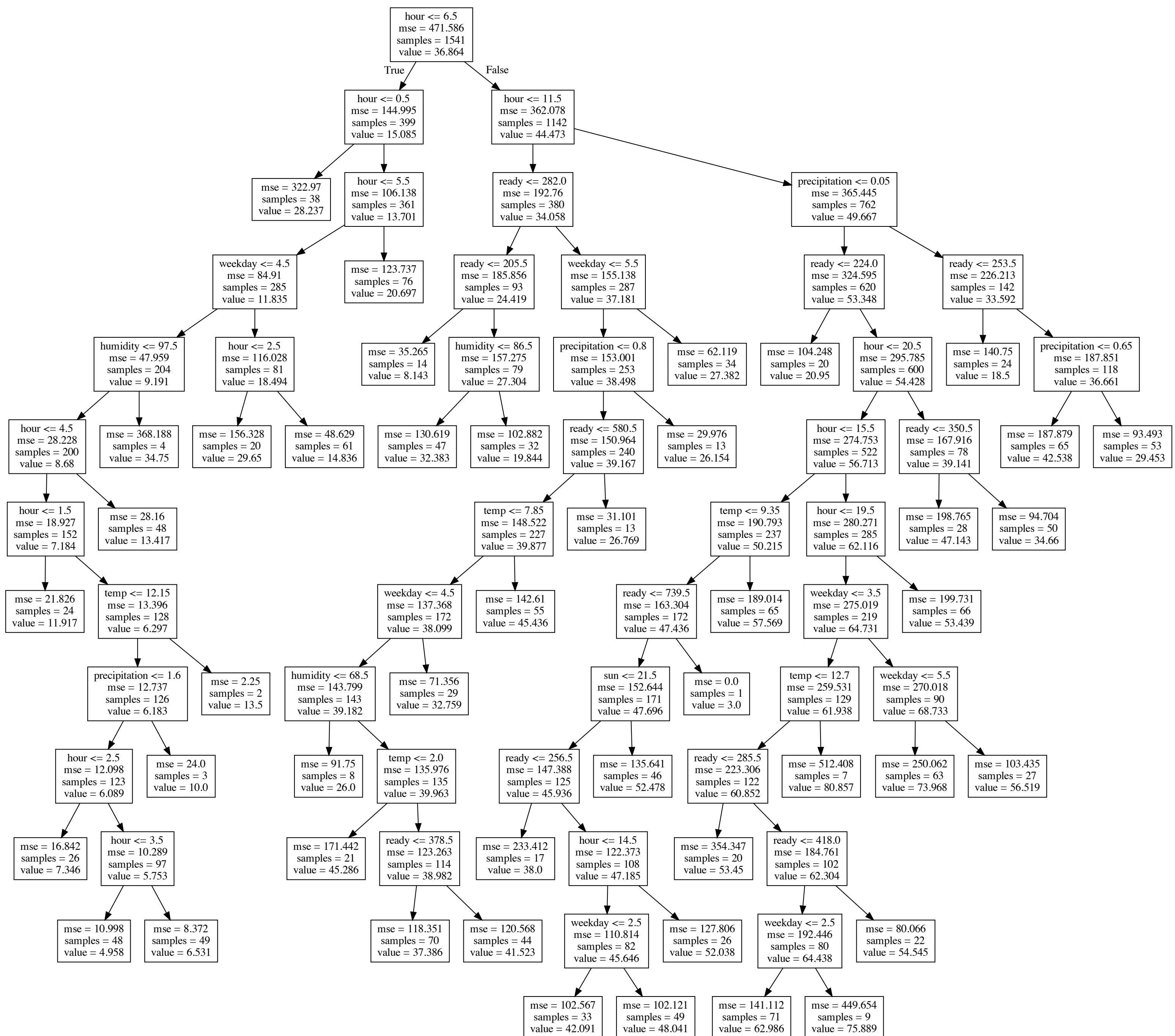
## House data of city Branalle





# Regression Trees





ready <= 285.5  
mse = 223.306  
samples = 122  
value = 60.852

mse = 354.347  
samples = 20  
value = 53.45

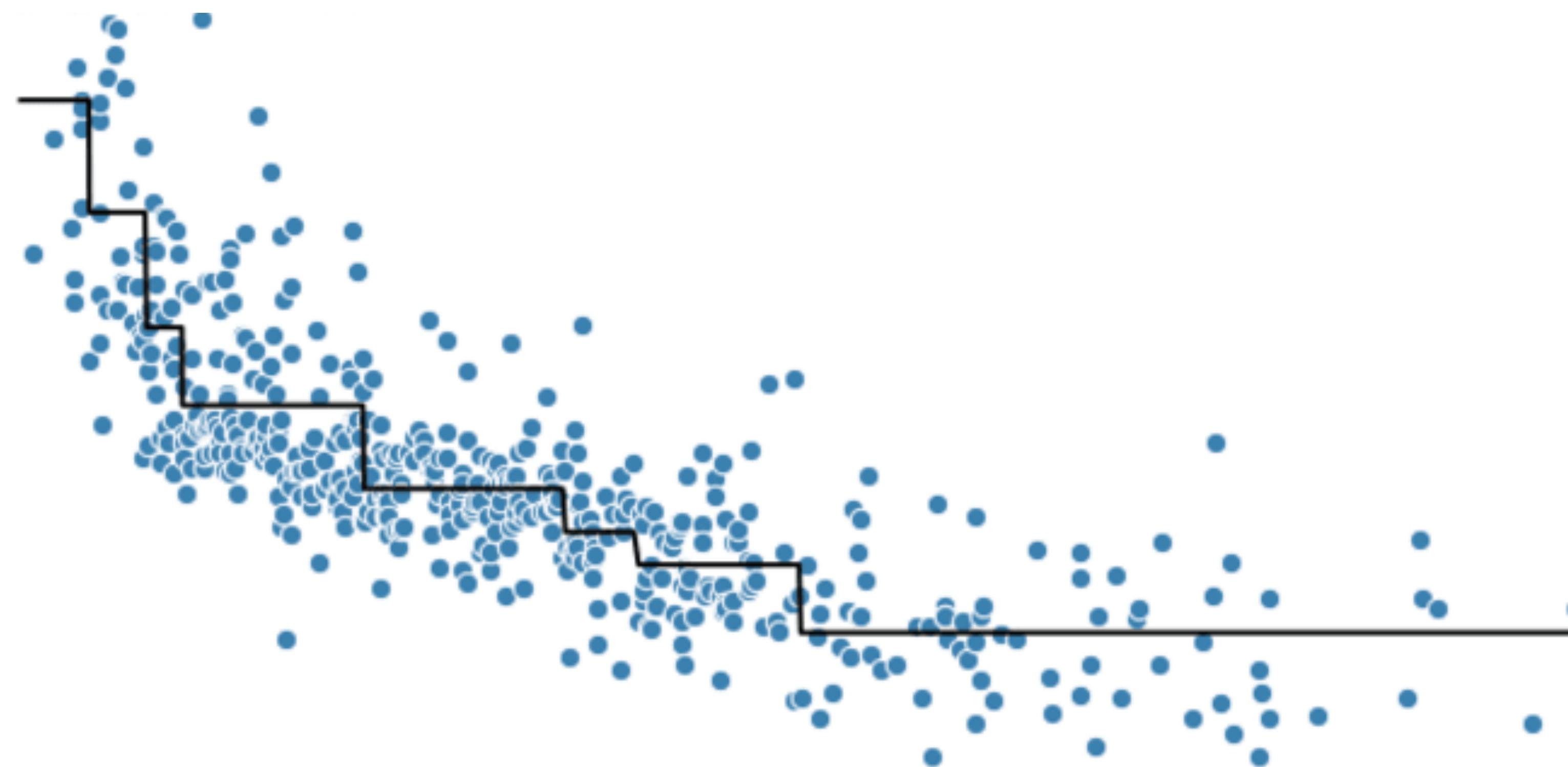
ready <= 418.0  
mse = 184.761  
samples = 102  
value = 62.304

weekday <= 2.5  
mse = 192.446  
samples = 80  
value = 64.438

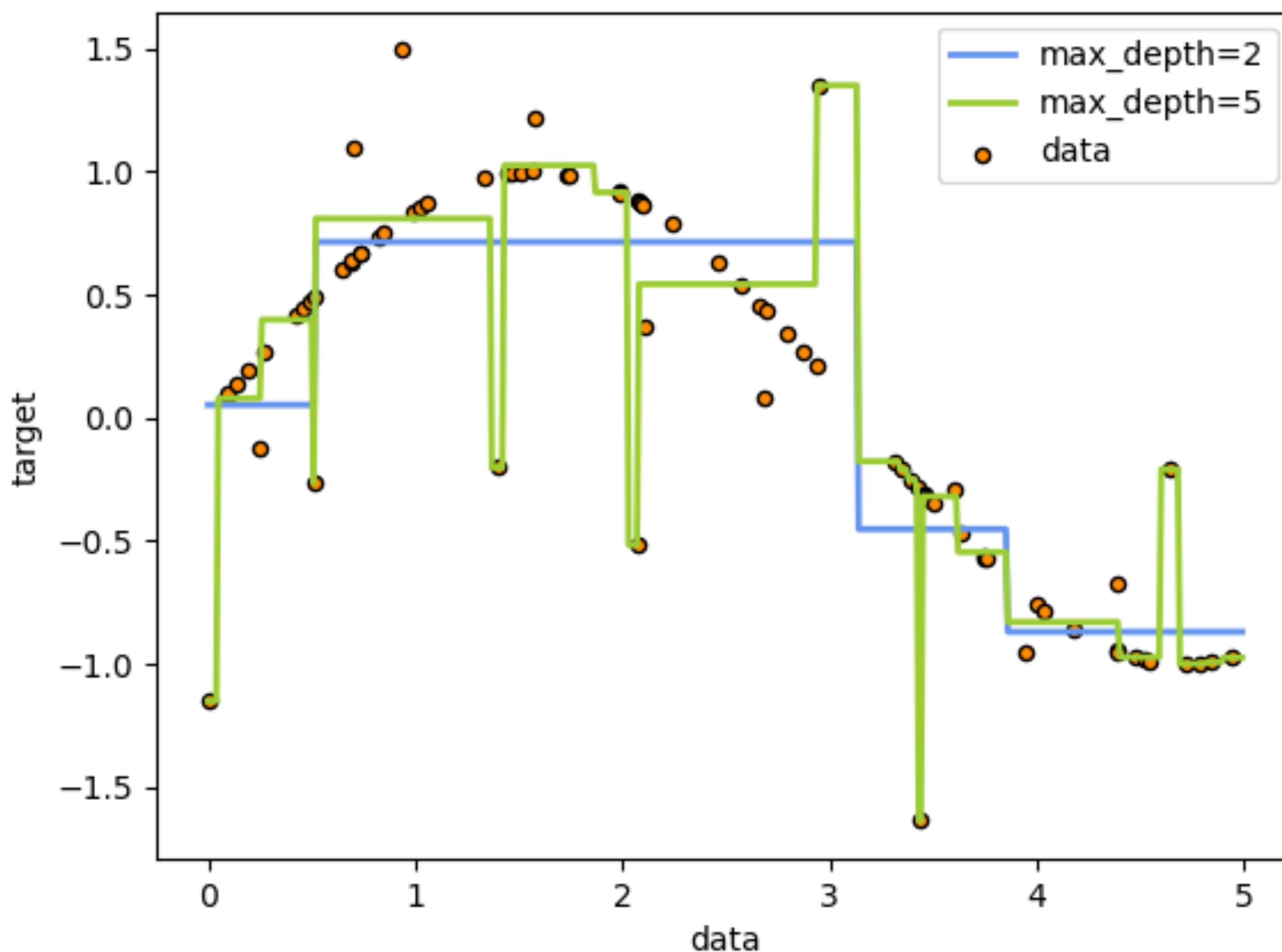
mse = 80.066  
samples = 22  
value = 54.545

mse = 141.112  
samples = 71  
value = 62.986

mse = 449.654  
samples = 9  
value = 75.889



## Decision Tree Regression



**But what has this to do with  
neural networks?**

**Nothing** 😊

**Why are you telling us this?**

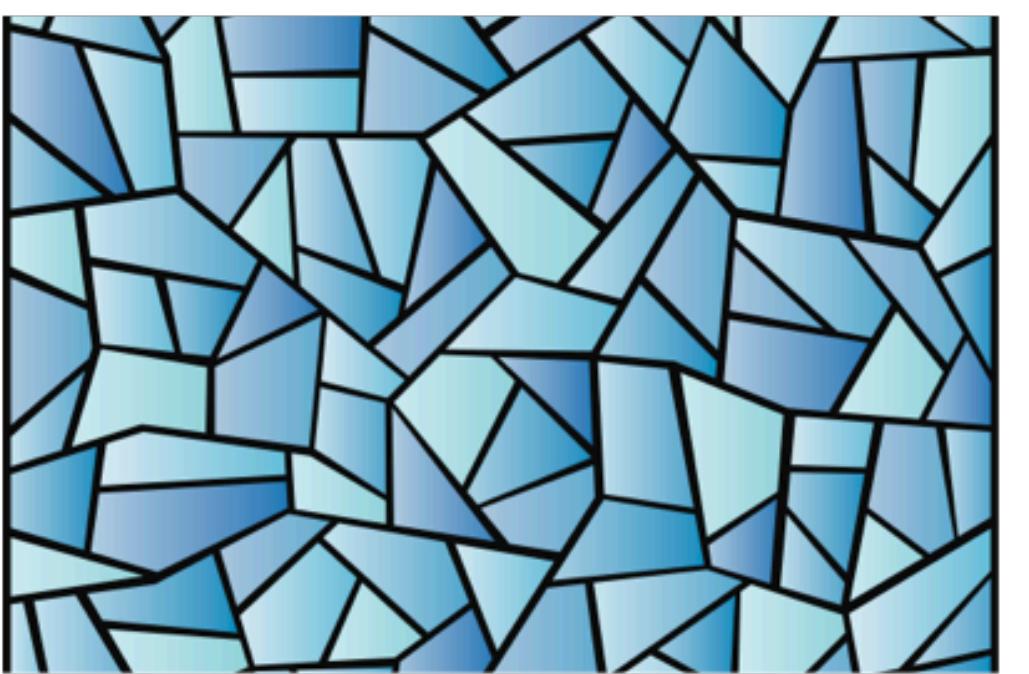
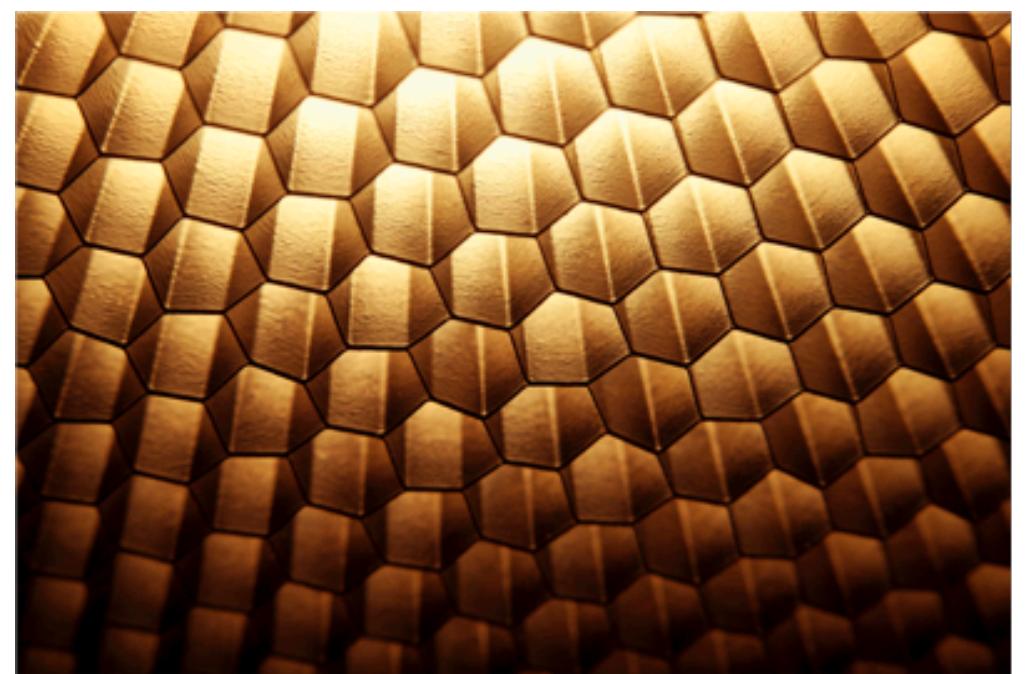
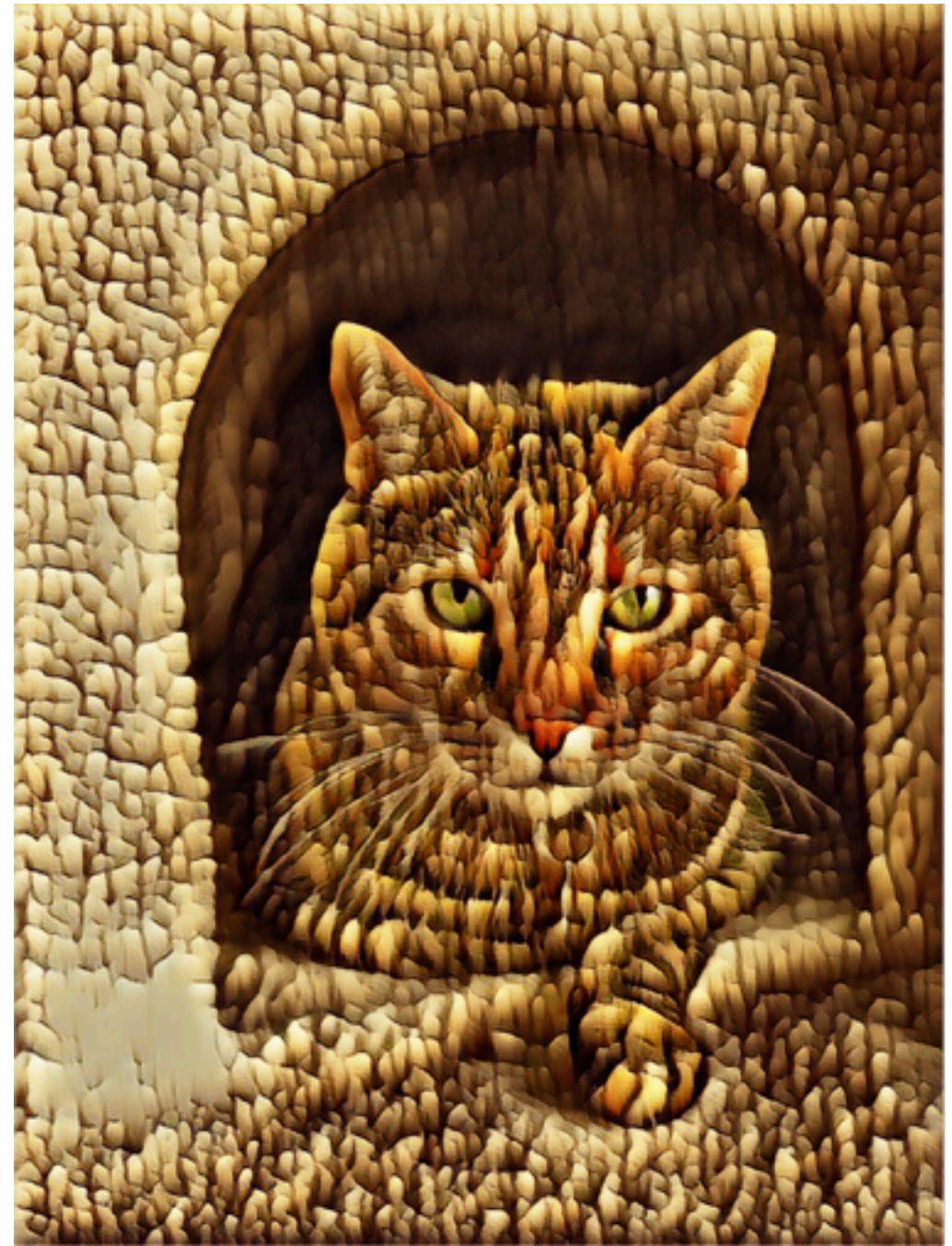
**It's CreateML's only method for  
regression 😊**

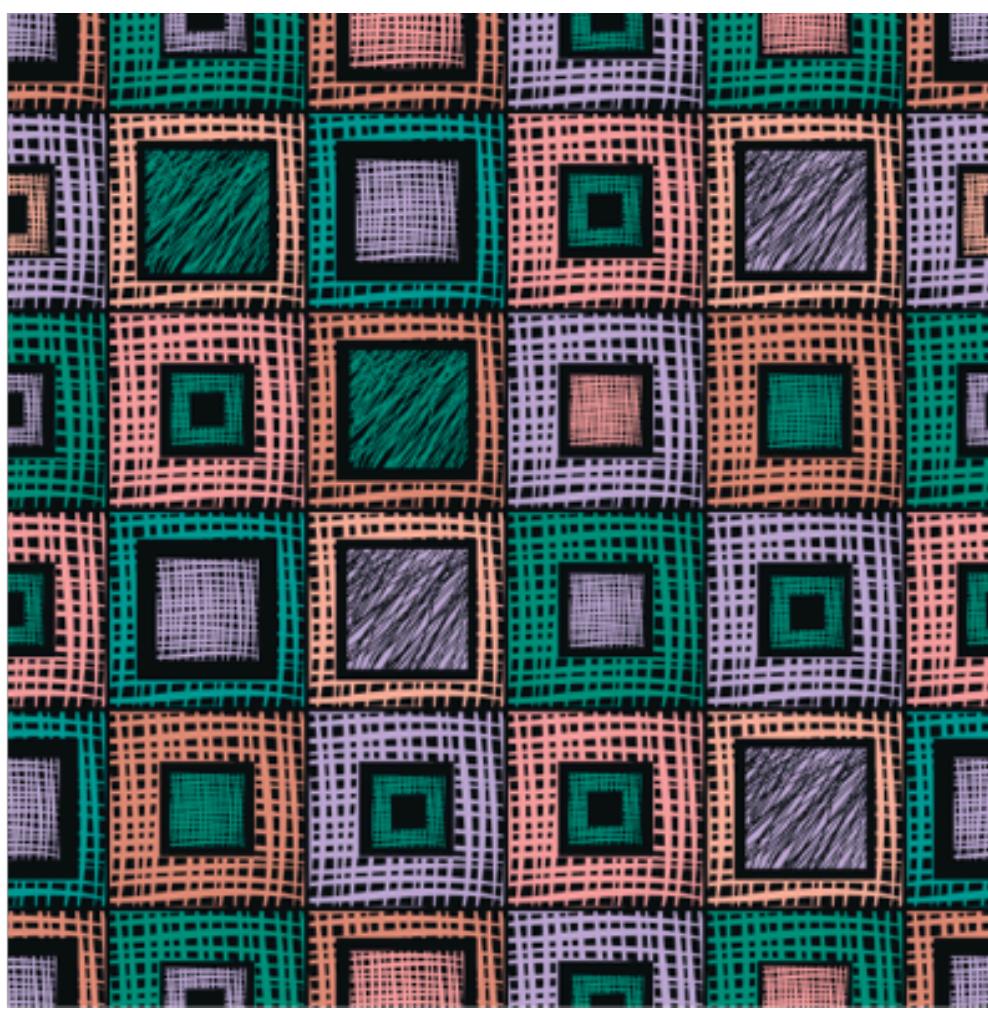
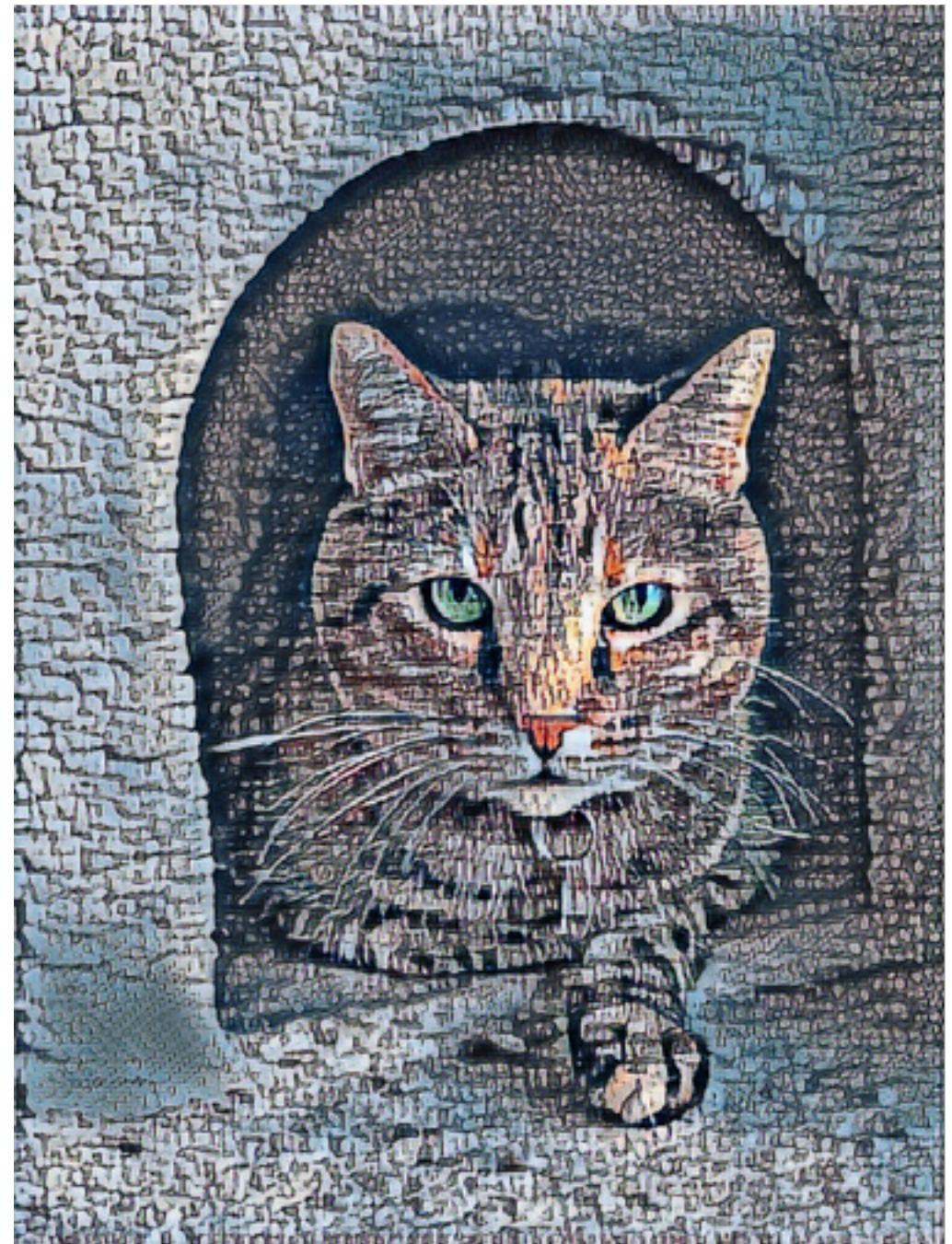
# Live Demo!

# Style Transfer

By Google







**The style transfer system in Turi Create uses Convolutional Neural Networks (CNNs) to create high quality artistic images. Broadly speaking, we use CNNs to separate and recombine the content and style elements of arbitrary images.**

# CreateML

## Conclusion

- Not designed for scientific use cases
- Custom made models outperform CreateML's quite easily
- Complicated Machine Learning tasks become very simple
- No setup to try out at home
- Fits into  ecosystem