



SoulSketch
Draw. Feel. Understand.

Emotional Analysis Report

ID: Drawing_O03L2W

Date: 05/12/2025



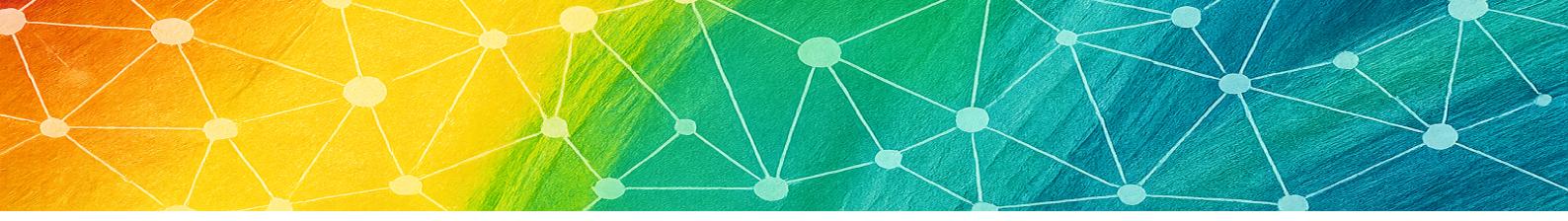


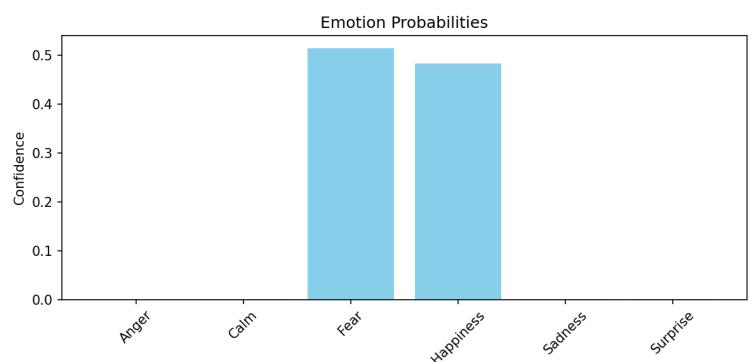
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General Analysis – Draw



The original drawing



Emotion Distribution Plot

The dominant emotion in this drawing is:

Fear

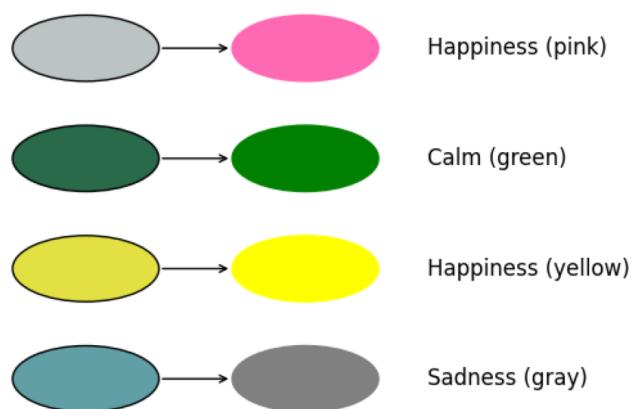
Confidence – 51%

The overall mood is quite **fear**.

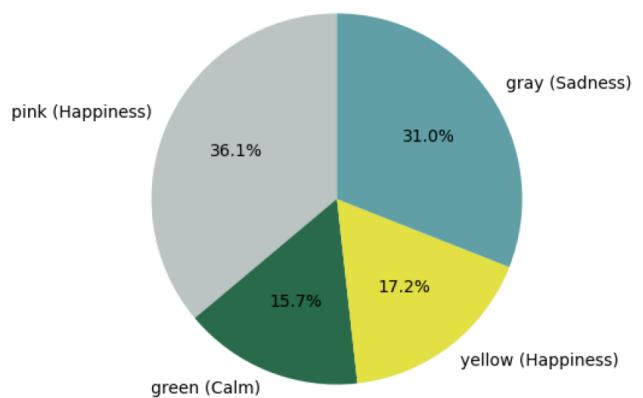
Visually, the drawing combines pink (Happiness), gray (Sadness), and yellow (Happiness).

Drawing Analysis

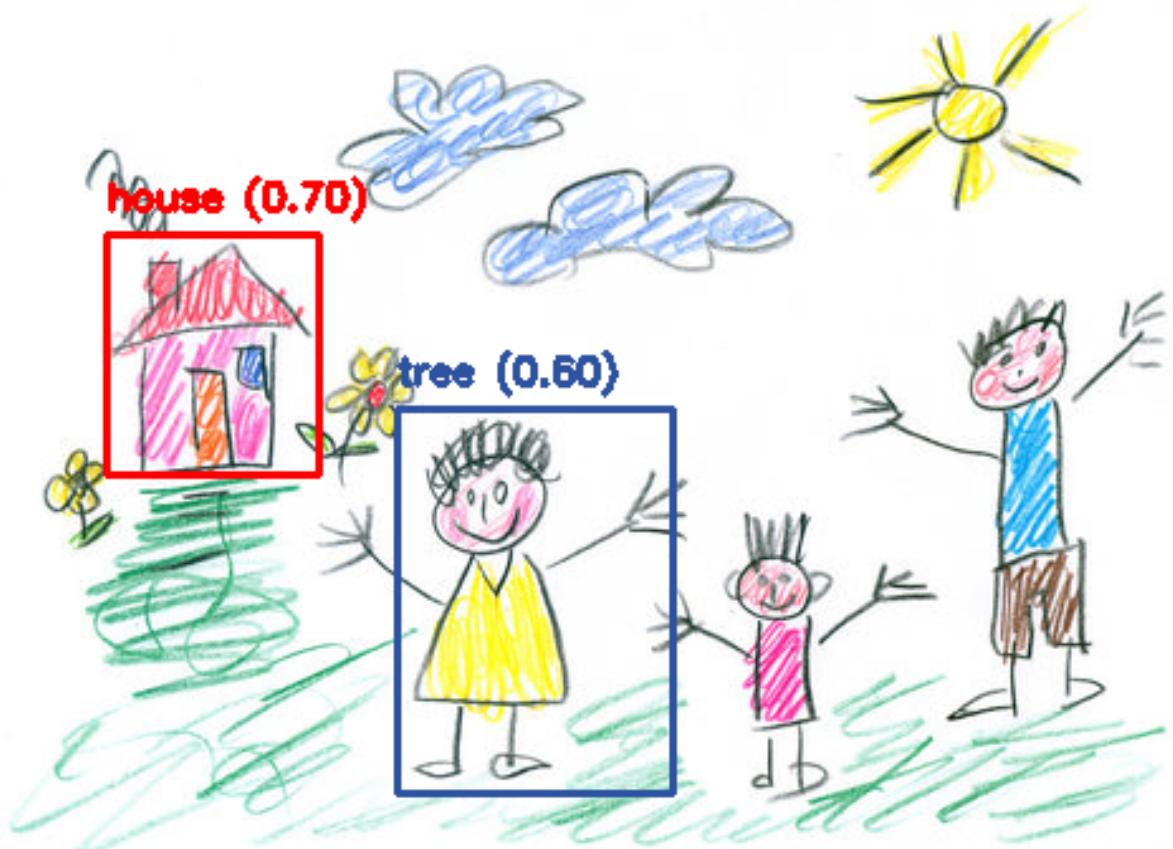
Drawing Analysis



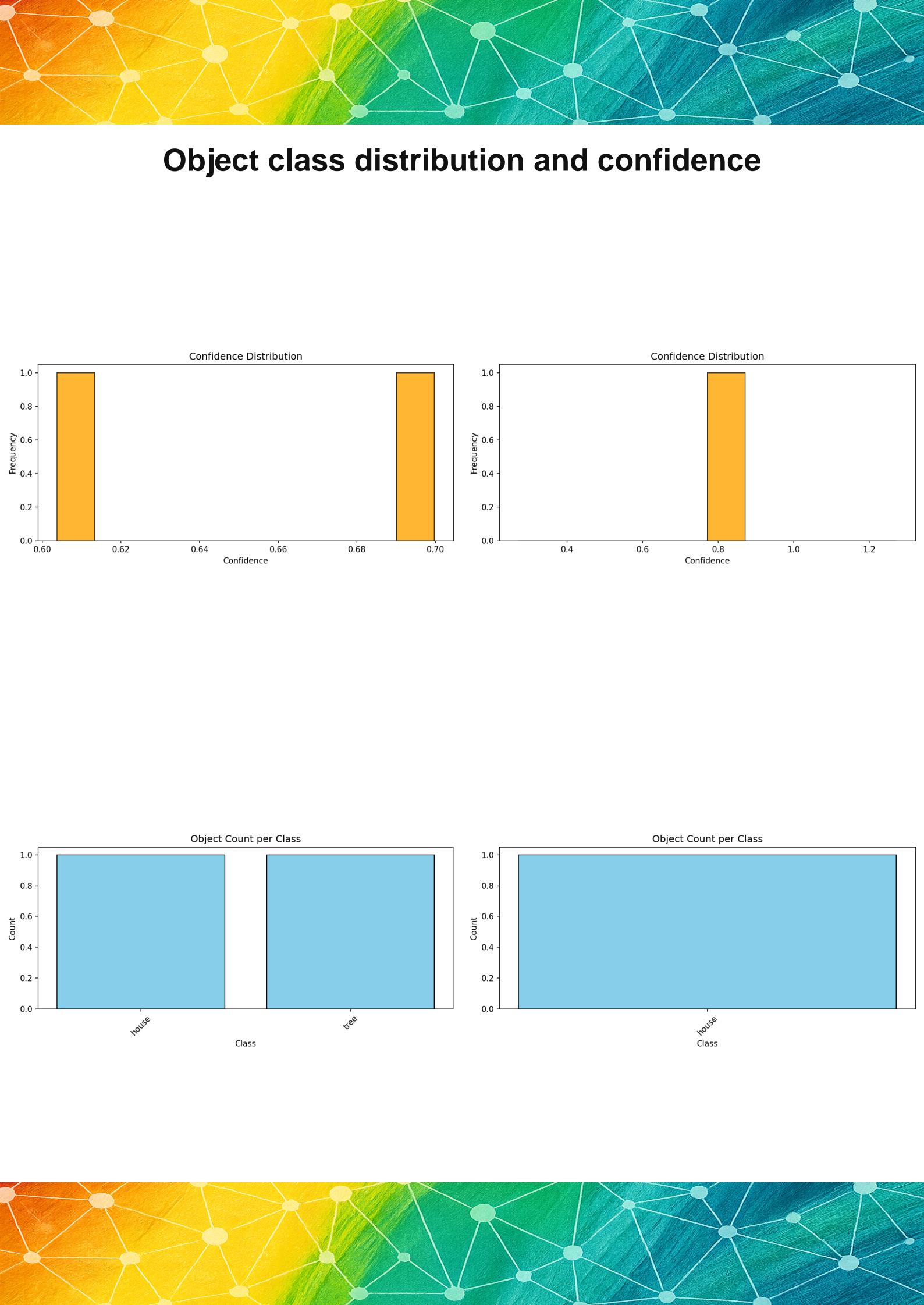
Drawing Color Proportion



Objects Analysis



Object class distribution and confidence



3323 type: house



Symbolically, the house reflects ideas of stability .

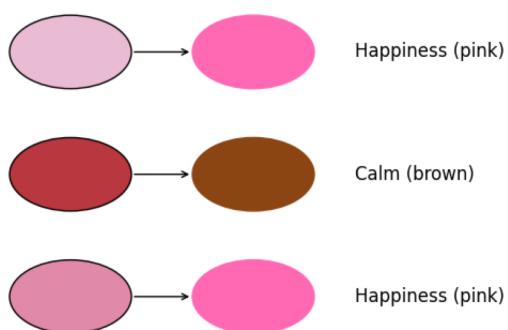
This coloring feels deeply comforting .

This medium-sized house gives a ordinary presence.

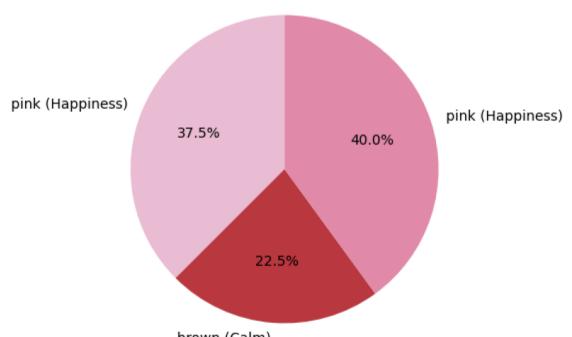
A house drawn at the top-left projects dominant and past-oriented and detached .

Object Analysis - 3323_house

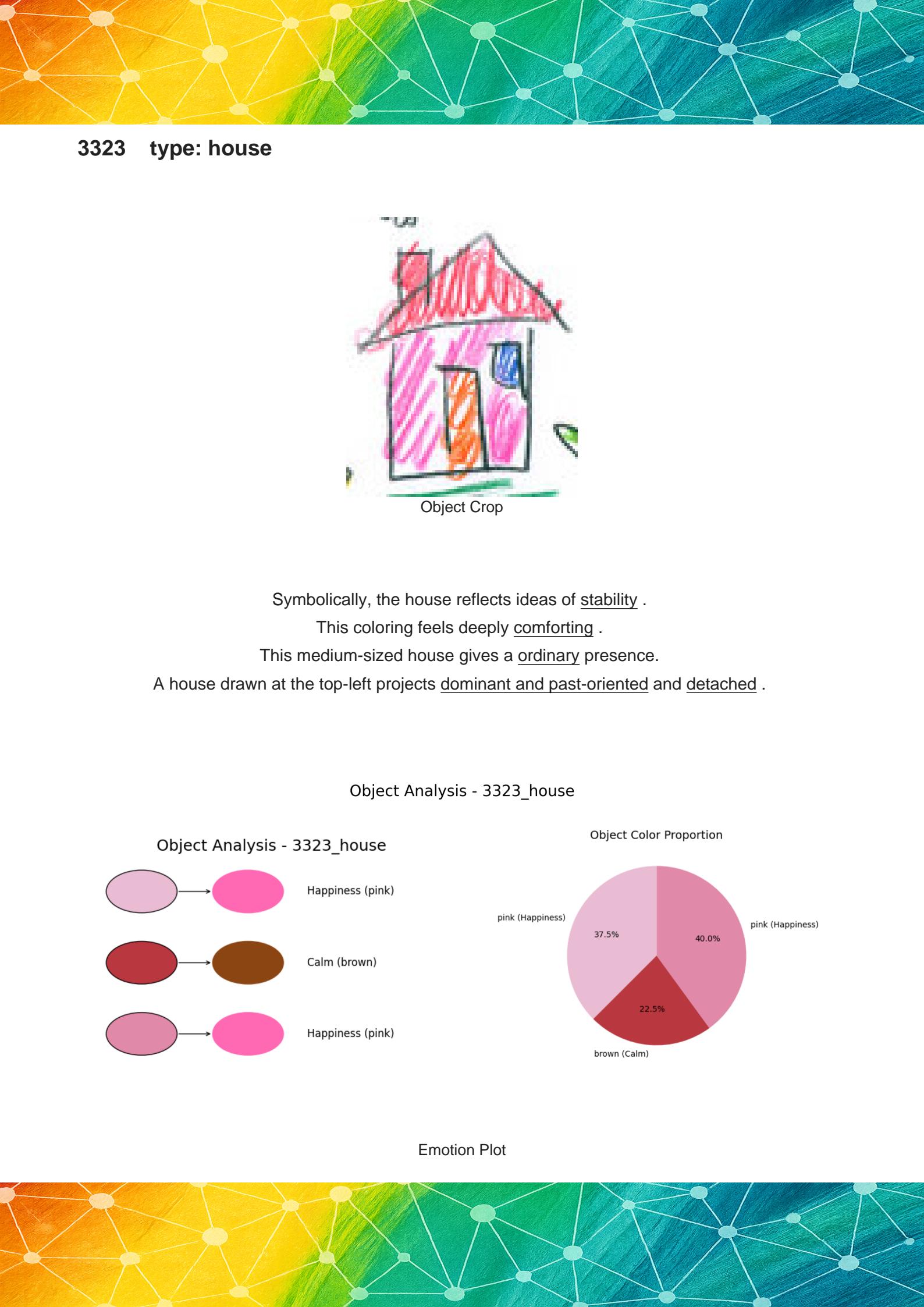
Object Analysis - 3323_house

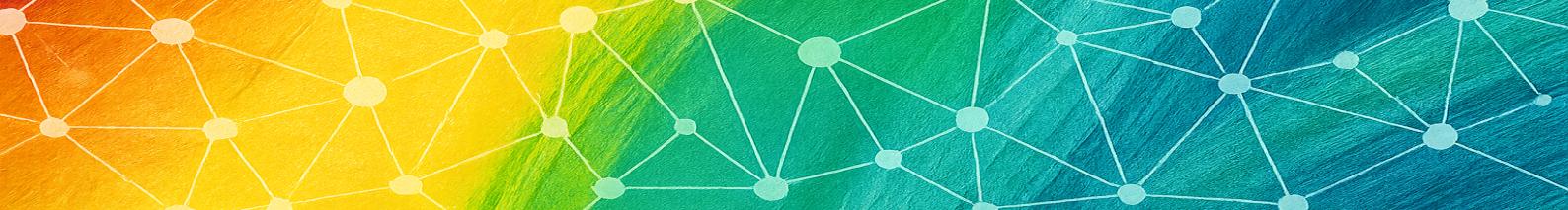


Object Color Proportion



Emotion Plot





9107 type: tree



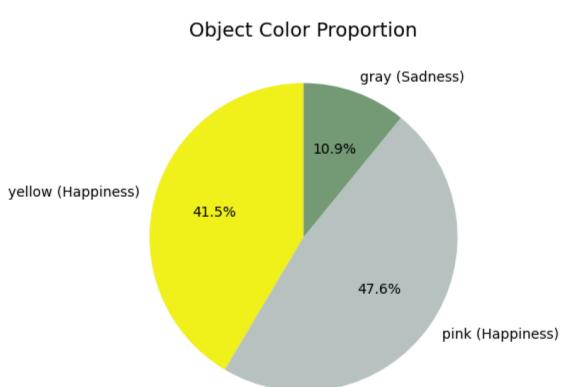
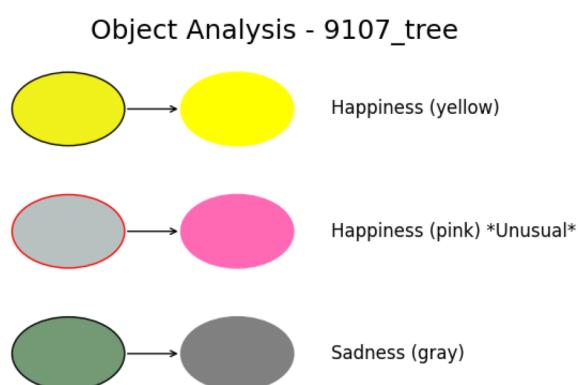
This tree suggests rootedness and nature .

Its coloring feels energetic and organic.

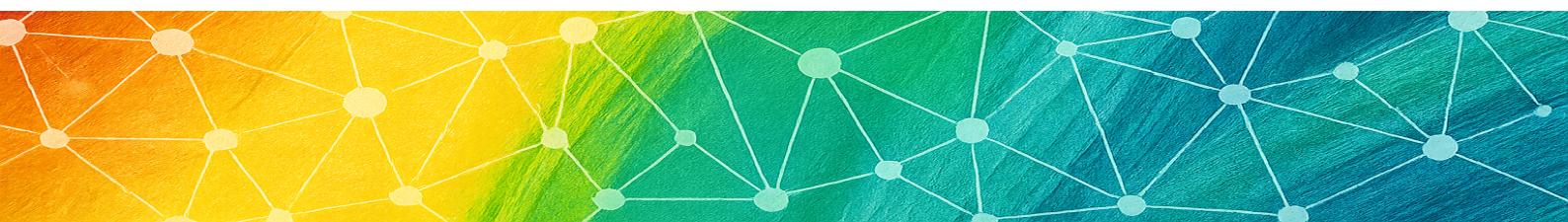
This natural scale feels balanced .

In the bottom center, it roots the scene with a symbolic and grounded sense.

Object Analysis - 9107_tree



Emotion Plot



9580 type: house



The house may symbolize memory .

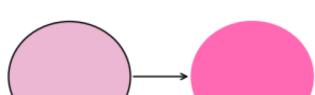
This coloring feels deeply warm .

This medium-sized house gives a settled presence.

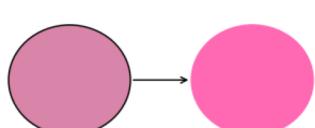
A house drawn at the top-left projects dominant and past-oriented and idealized .

Object Analysis - 9580_house

Object Analysis - 9580_house

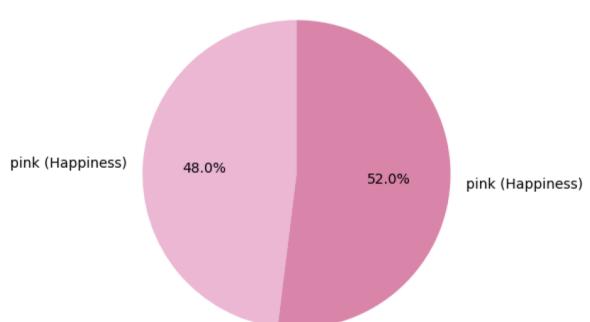


Happiness (pink)

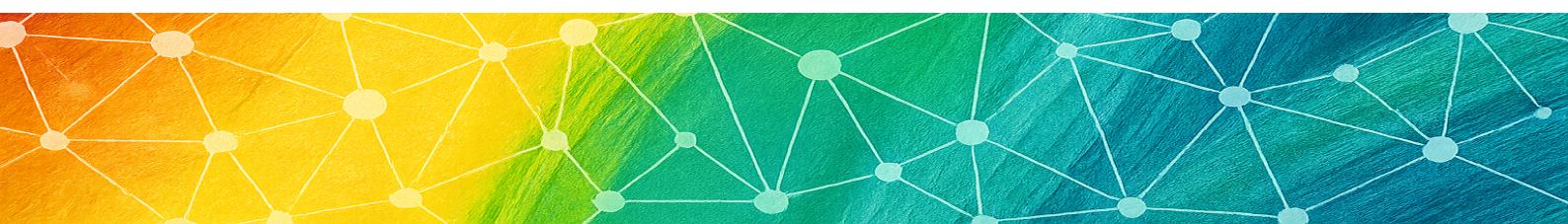


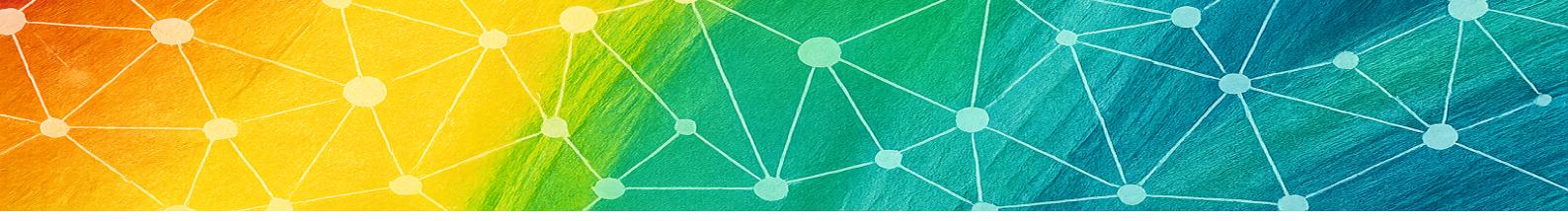
Happiness (pink)

Object Color Proportion

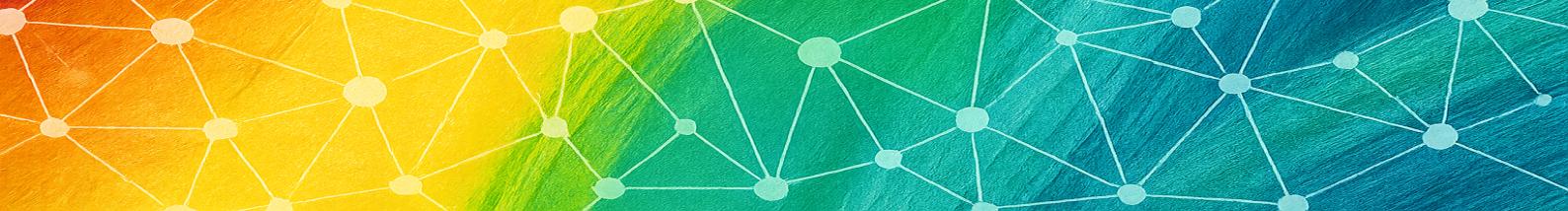


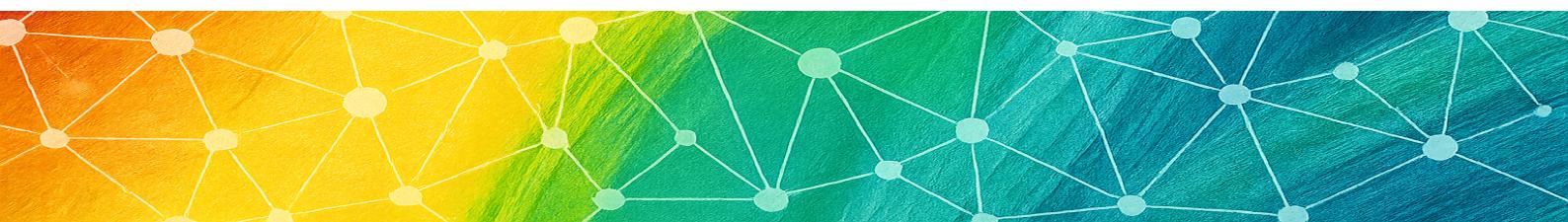
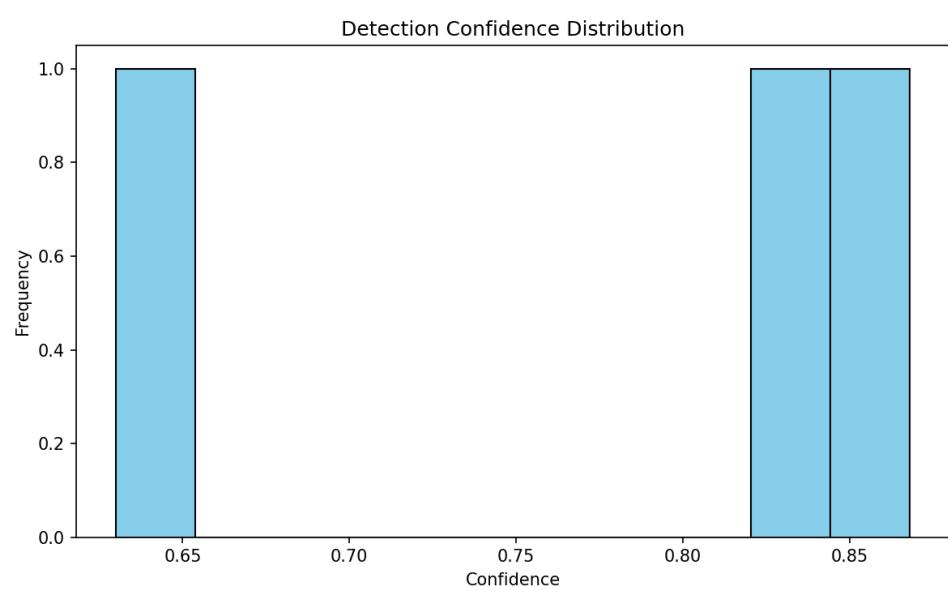
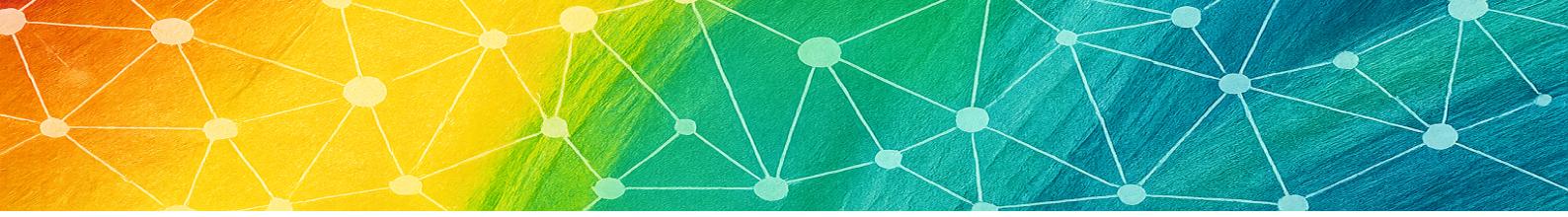
Emotion Plot

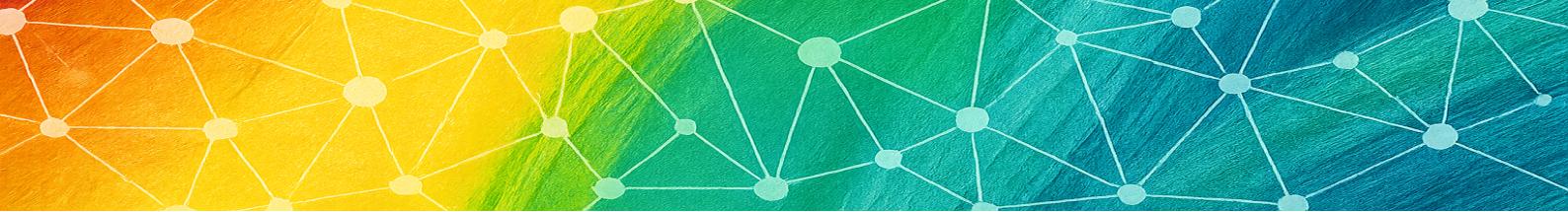




Facial Expressions Analysis







happy_face_1 type: Unknown

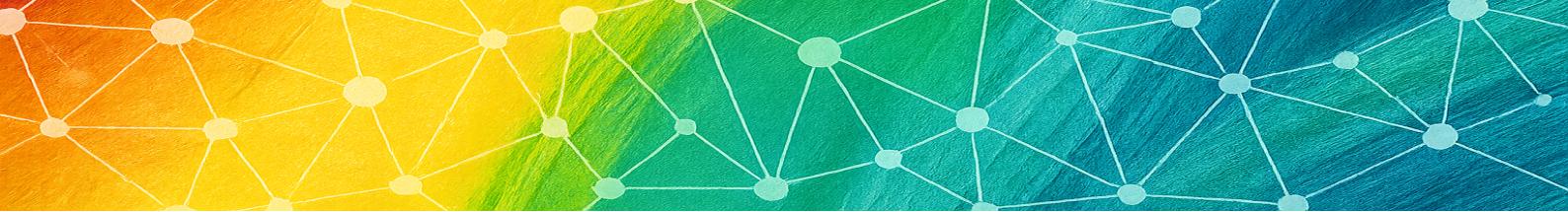


Character Crop

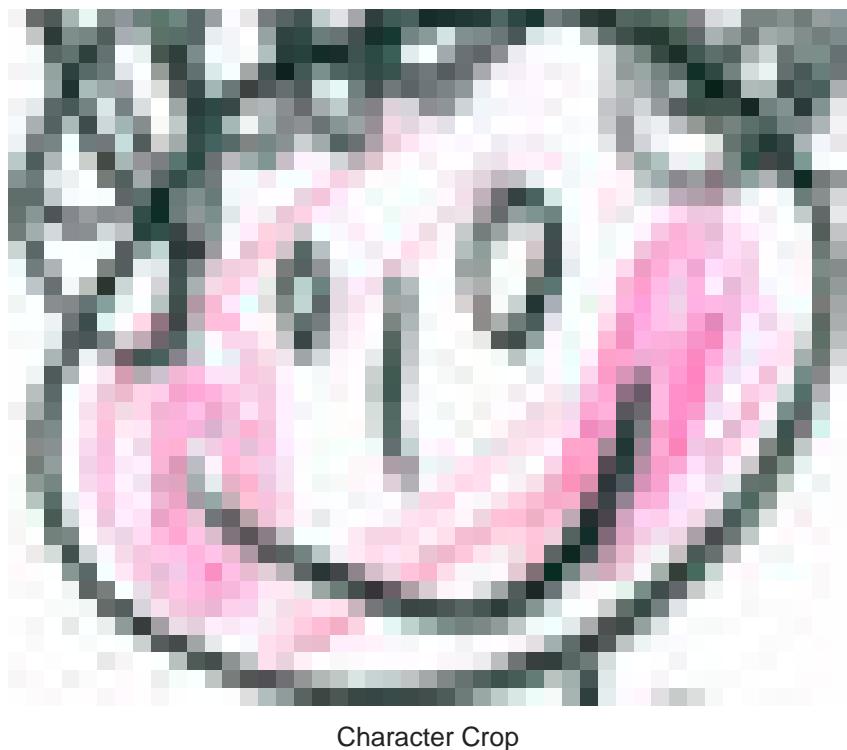
Expression Analysis - happy_face_1



Emotion Plot

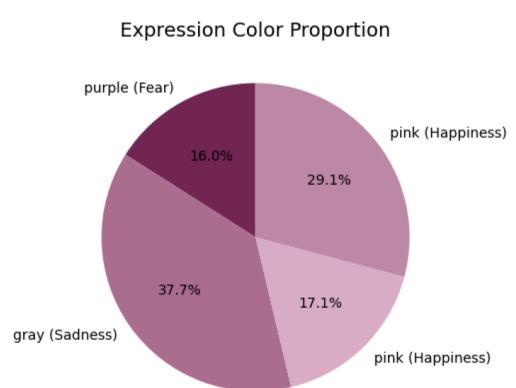
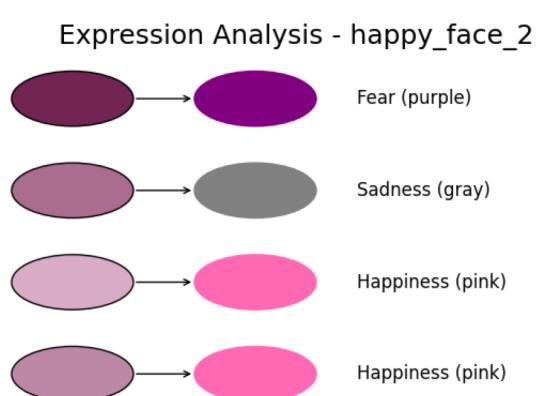


happy_face_2 type: Unknown

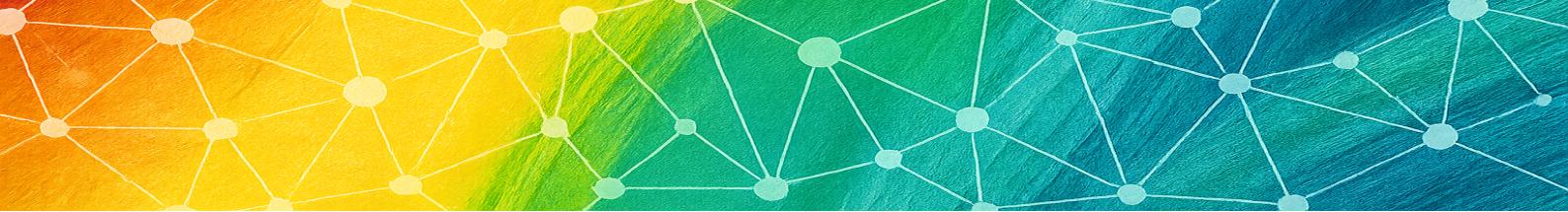


Character Crop

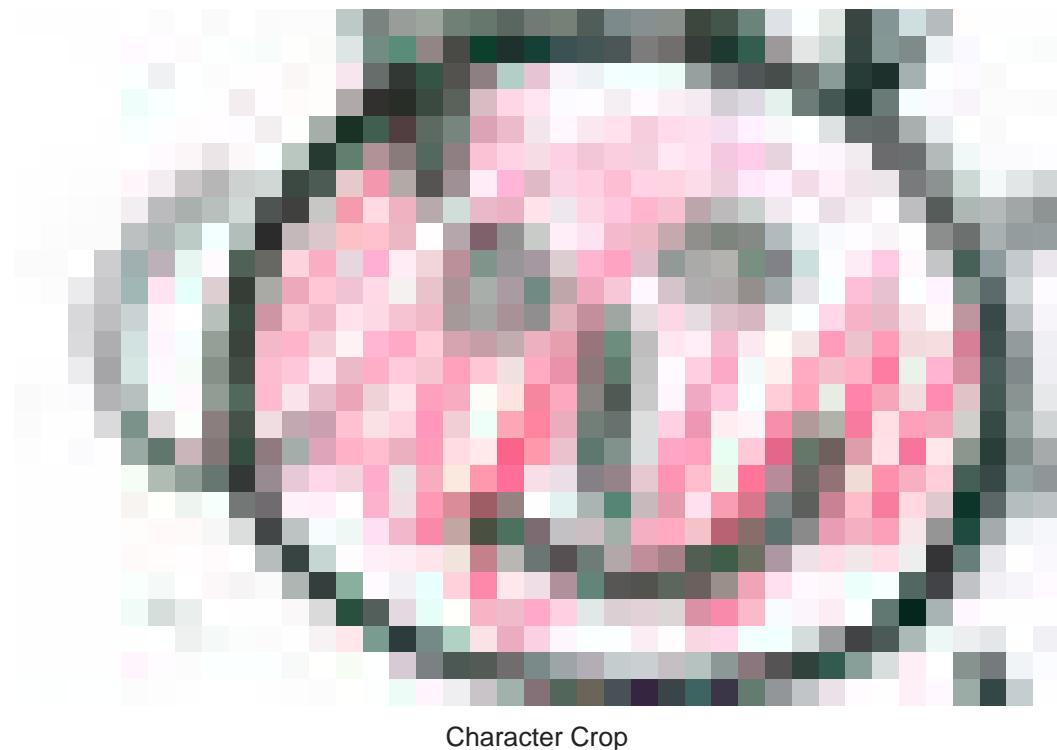
Expression Analysis - happy_face_2



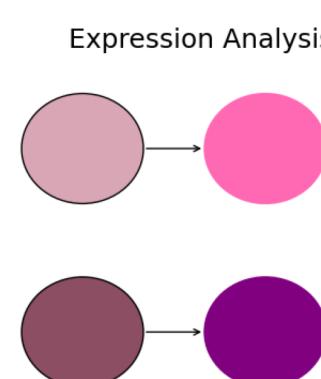
Emotion Plot



happy_face_3 type: Unknown



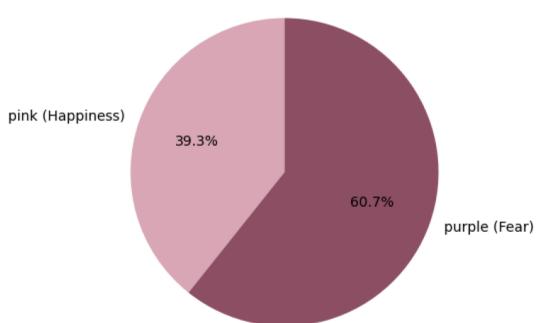
Expression Analysis - happy_face_3



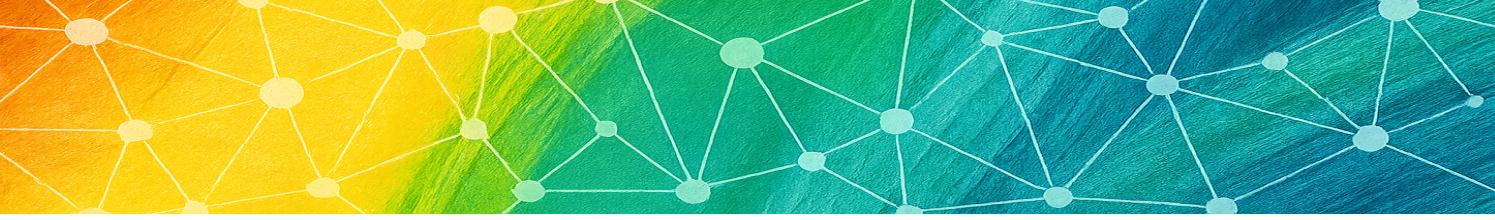
Happiness (pink)

Fear (purple)

Expression Color Proportion



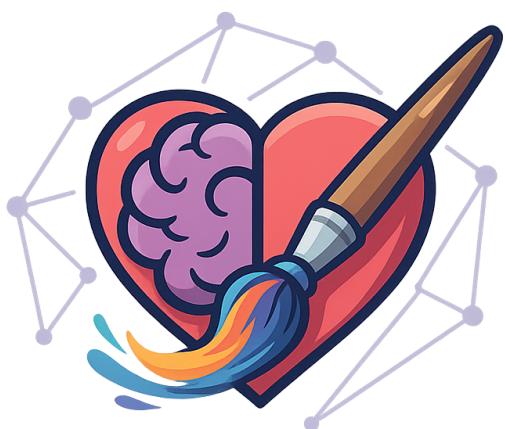
Emotion Plot



Thank you for exploring the world of emotions with Etma'en – the Emotional Drawing Analyzer.

We're proud to help unveil the feelings behind every brushstroke, every line, every color.

Your curiosity fuels the bridge between creativity and insight – and we're honored to walk that path with you.



SoulSketch

Draw. Feel. Understand.

SoulSketch began as a bold academic challenge — a final project for the "Algorithms in Machine Learning and Multimedia in Python" course — and evolved into a meaningful journey.

Powered by deep learning, it transforms children's drawings into emotional narratives, combining object recognition, facial expression decoding, and rich color-emotion analysis.

More than code, this project is our heartfelt attempt to connect psychology and AI, art and algorithm.

Created with ❤ by Itay Vazana & Oriya Even Chen

