

# Facial Expression Detector

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## ABSTRACT

This project uses Landing AI to develop a system that classifies facial expressions into Happy, Sad, and Angry. A labeled dataset was used to train the model, achieving accurate recognition for real-time emotion detection.

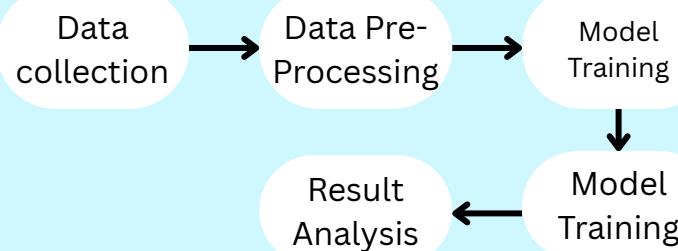
## INTRODUCTION

Facial expression recognition helps machines understand human emotions. Using Landing AI, this project builds a model to detect Happy, Sad, and Angry faces for use in fields like mental health, customer service, and interactive systems.

## INPUT/OUTPUT

Test Image	Actual	Predicted	Result
	Happy	Happy	✓
	Sad	Sad	✓
	Angry	Angry	✓
	Happy	Sad	✗

## METHODOLOGY



## RESULT

The trained model showed high accuracy and consistently recognized Happy, Sad, and Angry expressions, even with varied lighting and backgrounds.

## CONCLUSION

This project successfully demonstrated the use of Landing AI to develop a facial expression recognition system for three primary emotions: Happy, Sad, and Angry.

## REFERENCES

- <https://app.landing.ai/login>
- <https://www.kaggle.com/datasets>

## STEPS TO USE THE APP

Step1: Select the Sample photo



Step2: Upload the Sample photo

Step3: Click on any of the photo

Step4: Scan the QR Code

