

# Lecture 1

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# Introduction

# What is vision?

Human vision is very fast at classification and recognition. Especially when motion and animals are involved.

Bad at detecting some differences in images, (reflection vs. no-reflection). Can fall prey to a myriad of optical illusions.

# Computer Vision

# History

Goal: *bridge the gap between pixels and meaning.*

Computer Vision started as a summer vision project in 1966 at MIT.



Figure: This is a caption

# Processing



# Low-level

Extract low-level cues

- Corners
- Edges
- Regions

# High-level

Make decisions

- There are 2 cars
- The fairies are fake

# Processing



# Processing



# Processing





# Processing



# Processing

