

# Teach AI play the Atari ice hockey game by videos

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A report submitted for the course  
COMP8755 AND Individual Computing Project  
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The Australian National University

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Except where otherwise indicated, this report is my own original work.

Yangyang Xu  
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# playing hard exploration game by watching YouTube

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Put your introduction here. You could use `\fix{ABCDEFG.}` to leave your comments, see the box at the left side.

You have to  
rewrite your  
thesis!!!

## 1.1 Problem Statement

Describe the problem your project addresses.

## 1.2 Motivations

## 1.3 Project Scope

Describe the problem your project addresses.

## 1.4 Report Outline

How many chapters you have? You may have Chapter ??, Chapter ??, Chapter ??, Chapter ??, and Chapter ??.



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# Supervised Video Representation Learning with Odd-One-Out Networks

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Put your introduction here. You could use `\fix{ABCDEFG.}` to leave your comments, see the box at the left side.

You have to  
rewrite your  
thesis!!!

## 2.1 Problem Statement

Describe the problem your project addresses.

## 2.2 Motivations

## 2.3 Project Scope

Describe the problem your project addresses.

## 2.4 Report Outline

How many chapters you have? You may have Chapter ??, Chapter ??, Chapter ??, Chapter ??, and Chapter ??.





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# Player Experience Extraction from gameplay video

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Put your introduction here. You could use `\fix{ABCDEFG.}` to leave your comments, see the box at the left side.

You have to  
rewrite your  
thesis!!!

## 3.1 Problem Statement

Describe the problem your project addresses.

## 3.2 Motivations

## 3.3 Project Scope

Describe the problem your project addresses.

## 3.4 Report Outline

How many chapters you have? You may have Chapter ??, Chapter ??, Chapter ??, Chapter ??, and Chapter ??.



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# Atari Gym

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Put your introduction here. You could use `\fix{ABCDEFG.}` to leave your comments, see the box at the left side.

You have to  
rewrite your  
thesis!!!

## 4.1 Problem Statement

Describe the problem your project addresses.

## 4.2 Motivations

## 4.3 Project Scope

Describe the problem your project addresses.

## 4.4 Report Outline

How many chapters you have? You may have Chapter ??, Chapter ??, Chapter ??, Chapter ??, and Chapter ??.

