

# HƯỚNG TIẾP CẬN HỌC KHÔNG GIÁM SÁT CHO BÀI TOÁN TÓM TẮT VIDEO

**Giảng viên hướng dẫn:**  
**PGS. TS. Lê Đình Duy**

**Thành viên:**  
**Trương Chí Diễn - 19520464**  
**Trần Hoàn Đức Duy - 19521434**  
**Nguyễn Anh Dũng - 19521394**

# Tóm tắt

- Lớp: CS519.M11.KHCL
- Link Github: <https://github.com/TruongChiDien/CS519.M11.KHCL>
- Link YouTube video: <https://youtu.be/NITE-ZViCe4>



Trương Chí Diễm



Trần Hoàn Đức Duy

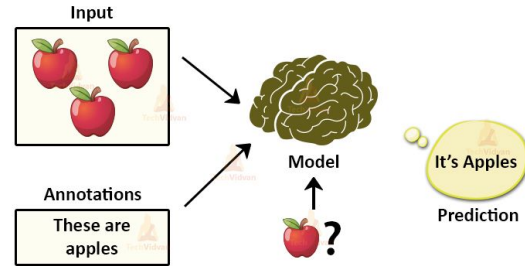


Nguyễn Anh Dũng

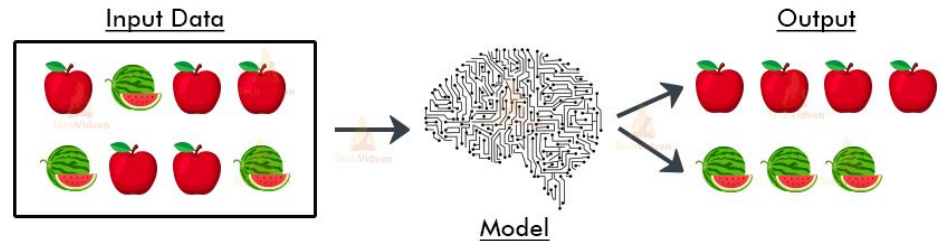
# Giới thiệu



## Supervised Learning in ML



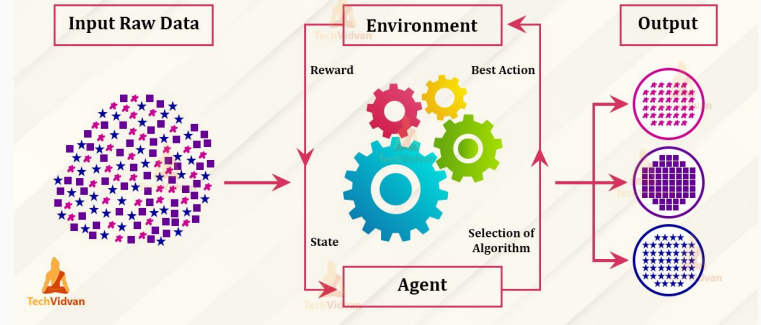
## Unsupervised Learning in ML



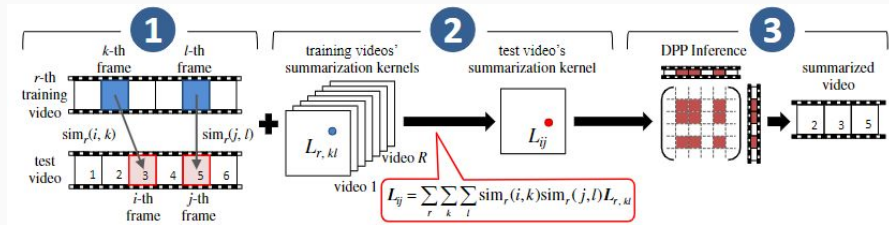
# Mục tiêu



## Reinforcement Learning in ML



# Nội dung và Phương pháp





# Nội dung và Phương pháp



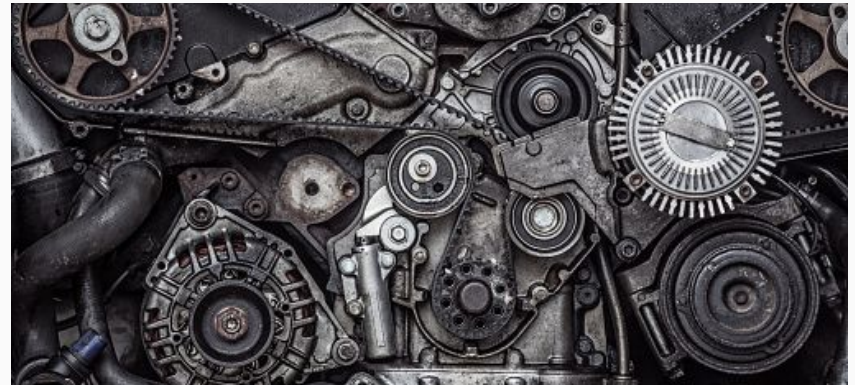
a) Air\_Force\_One



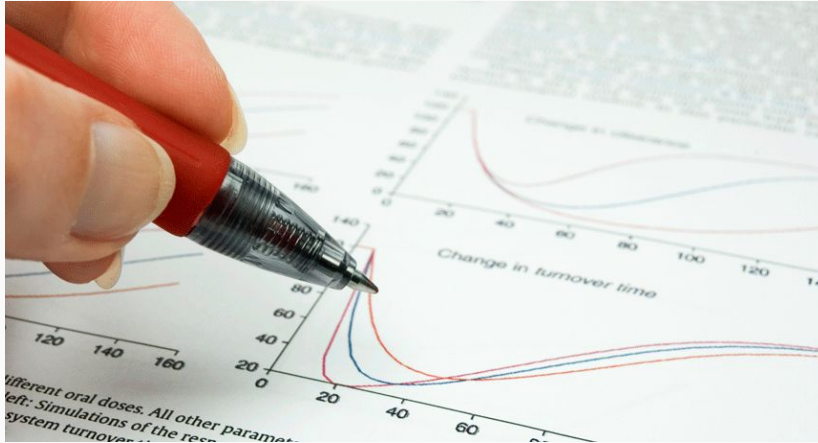
b) Play Ball



## EVALUATIVE CRITERIA



# Kết quả dự kiến



```
31 def __init__(self, path):
32     self.file = None
33     self.fingerprints = set()
34     self.logdups = True
35     self.debug = debug
36     self.logger = logging.getLogger(__name__)
37     if path:
38         self.file = open(os.path.join(path, 'requests.log'), 'a')
39         self.file.seek(0)
40         self.fingerprints.update(self._get_fingerprints())
41
42 @classmethod
43 def from_settings(cls, settings):
44     debug = settings.getbool('SUPERFILTER_DEBUG')
45     return cls(job_dir(settings), debug)
46
47 def request_seen(self, request):
48     fp = self.request_fingerprint(request)
49     if fp in self.fingerprints:
50         return True
51     self.fingerprints.add(fp)
52     if self.file:
53         self.file.write(fp + os.linesep)
54
55 def request_fingerprint(self, request):
56     return request_fingerprint(request)
```

# Tài liệu tham khảo

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- [2] ZHANG, Ke, et al, "Summary transfer: Exemplar-based subset selection for video summarization," Proceedings of the IEEE conference on computer vision and pattern recognition, pp. 1059-1067, 2016.
- [3] ZHANG, Ke, et al, "Video Summarization with Long Short-term Memory," European conference on computer vision, pp. 766-782, Springer, Cham, 2016.
- [4] KHOSLA, Aditya, et al, "Large-scale video summarization using web-image priors," Proceedings of the IEEE conference on computer vision and pattern recognition, pp. 2698-2705, 2013.
- [5] LI, Yingbo; MERIALDO, Bernard, "Multi-video summarization based on video-mmr," 11th International Workshop on Image Analysis for Multimedia Interactive Services WIAMIS 10, pp. 1-4, IEEE, 2010.
- [6] T. M. MOERLAND, J. BROEKENS and C. M. JONKER, "Model-based reinforcement learning: A survey," arXiv preprint arXiv: 2006.16712, 2020.



CẢM ƠN THẦY CÔ ĐÃ LẮNG NGHE!