



# Topic Selection

Group 8 :

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# Agenda

- **Introduction**
- **Task allocation**
- **Comparisons → ranking of papers and member suggestions**
- **Topic selection**
- **Re-search**
  1. Review article (most recent) on the selected topic
    - All the group members have to read it.
  2. Three google scholar articles
    1. Most recent, most cited and most relevant.
  3. Scopus (3)
  4. IEEE conferences (one paper in the topic) each one selects a paper and the group decides which: most recent, most relevant.
  5. Journal on the topic (3 article) Check journal impact factor.
- **Decision we will write a review article about :::::**
- **Download a journal template document (word, stylefiles, ) and use it.**

# ■ Introduction

- The importance of a research:

why doing a research ?

The research in current days is an integral part of our scientific life, through research we can summarize, collect and review the experiences of experts, doctors , engineer ,... etc. , and get a lot of benefits of their work over years.

And through a research we can summarize and show important information about specific topics to have maximum benefit and make learning easier.

- The importance of our chosen topics:

Our chosen topics are very important in our life whether in scientific fields or areas of life in general,

It plays an important role in building the future and making the world a better place to live, and most of the world's interest was around these topics so we chose them

# Task allocation

We are 4 students, so we decided to divide the work between us as follow

Every student take 20 topics and do the following

- Search in google scholar about the topics then write the number of results
- Search in SDL about the topics then write the number of results

Then every student chose the two topics with the greatest number of results

In the end we chose one topic out of the four topics

# Task allocation

Deciding the quality of a paper will be as follow

## Requirements:

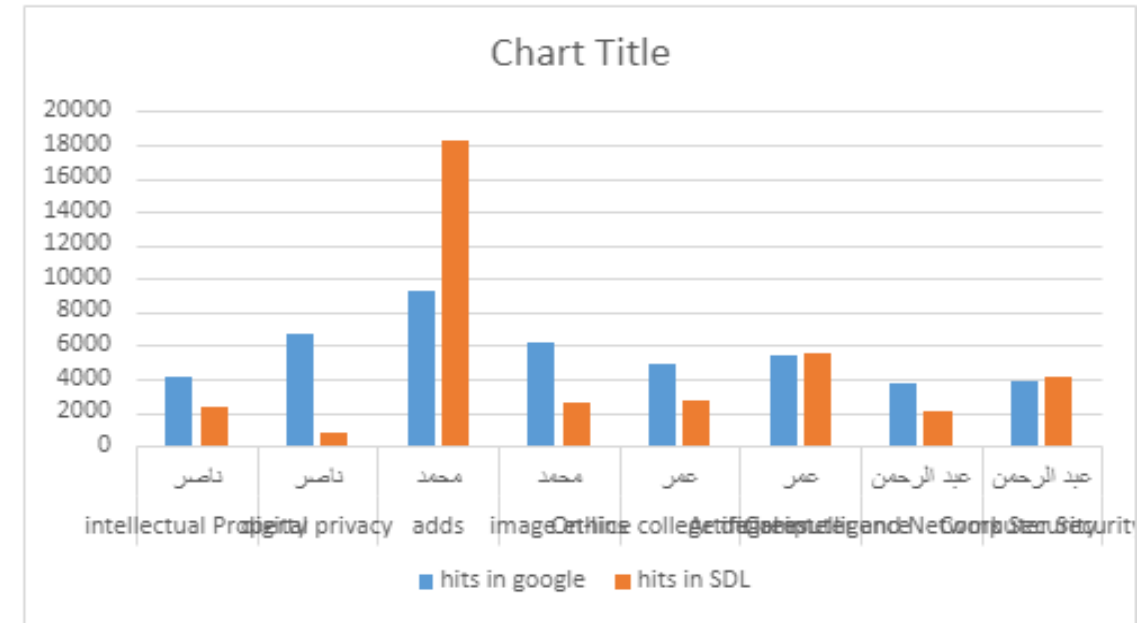
Publish year last 2-3 years	Cited more than 200 times	Relevant to our topic
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- ☐ If the paper fulfills the three requirements the quality will be **Good**
- ☐ If the paper fulfills only tow of the requirements the quality will be **not bad**
- ☐ Else the quality will be **bad**

# Comparison

After researching we came up with these topics

topic	student name	hits in google	hits in SDL
intellectual Property	ناصر	4140	2288
digital privacy	ناصر	6710	733
adds	محمد	9320	18297.309
image ethics	محمد	6140	2613.179
On-line college degrees	عمر	4,930	2674
Artificial intelligence	عمر	5,460	5,555
Computer and Network Security	عبد الرحمن	3,790	2,133
Computer Security	عبد الرحمن	3,900	4,094



# Topic selection

## ✓ Artificial Intelligence

We decided to chose Artificial Intelligence as the final topic according to its importance in professional life, and because it is a source of interest for all of us as a Computer science students, also there is a lot of researches in this topic which, in turn will facilitate the search process for us

# M#1: Mohammed Khaled Qatamish

Paper title	information	citations	Overall quality	Ranking
Artificial intelligence	Whitson, George M., III, BS, MS, PhD 2022 Salem Press Encyclopedia of Science, 2022. 6p	132	Good	9
Quo vadis artificial intelligence	Yuchen Jiang1 · Xiang Li1 · Hao Luo1 · Shen Yin2 · Okyay Kaynak3, march 2022 Discover	30	Good	8
Artificial intelligence: A powerful paradigm for scientific research	Yongjun Xu,1,35,42 Xin Liu,5,35,42 Xin Cao,10,42 Changping Huang,18,35,42 Enke Liu,11,37,42 Sen Qian,26,42 Xingchen	110	Good	7



# M#2: Omar Altammami

Paper title	information	citations	Overall quality	Ranking
Artificial intelligence in medicine	<a href="#">P Hamet</a> , <a href="#">J Tremblay</a> Metabolism, 2017	1136	Not bad	4
<b>Artificial intelligence</b> in business: State of the art and future research agenda	<a href="#">SMC Loureiro</a> , <a href="#">J Guerreiro</a> , <a href="#">I Tussyadiah</a> - Journal of business research, 2021	122	Not bad	5
Governing <b>artificial intelligence</b> : ethical, legal and technical opportunities and challenges	<a href="#">C Cath</a> - Philosophical Transactions of the Royal Society ..., 2018	286	Not bad	6

# M#3: Abdulrahman almyman

Paper title	information	citations	Overall quality	Ranking
Artificial Intelligence in Education: A Review	<u>Zhijian Lin</u> , IEEE, 2020	1136	Not bad	4
Study on artificial intelligence: The state of the art and future prospects	<u>Sarah Enslin, Seth A. Gross</u> , <u>Journal of Industrial Information Integration</u> , 2021	122	Not bad	5
History of artificial intelligence in medicine	Sarah Enslin, Seth A. Gross, <u>Gastrointestinal Endoscopy</u> , 2020	286	Not bad	6

# M#2:Nasser haqsha

Paper title	information	citations	Overall quality	Ranking
Artificial Intelligence and Law: An Overview	Surden, Harry, Artificial Intelligence and Law: An Overview (June 28, 2019). Georgia State University Law Review, Vol. 35, 2019, U of Colorado Law Legal Studies Research Paper No. 19-22, Available at SSRN: <a href="https://ssrn.com/abstract=3411869">https://ssrn.com/abstract=3411869</a>	2517	Good	853
Artificial intelligence and sustainable development	Quinnipiac University, 275 Mount Carmel Avenue, Hamden, CT, 06518-1908, USA <sup>b</sup> Department of Political Science, Radford University, 5310 College of	91	Not bad	523

# Group summary

Paper title	information	citations	Overall quality	Ranking
	Author, year, affiliation			



Conclusion  
Topic  
Title

# Researching on the selected topic

- Search on the group-selected topic
- EVERYONE come up with at least:
  - A review (2-3 years back)
  - A conference paper
  - 3 journal papers