



Information Skills in Information Technologies Fall – 2020

1. Information search, systems and strategy 2. Search strategy

**BRGF Library
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Contents:

- 1) Search strategy
- 2) Evaluation of information

Search Strategy

Search Strategy

1a. Define your search topic in a sentence

“Applying artificial intelligence to
computer games”

Search Strategy

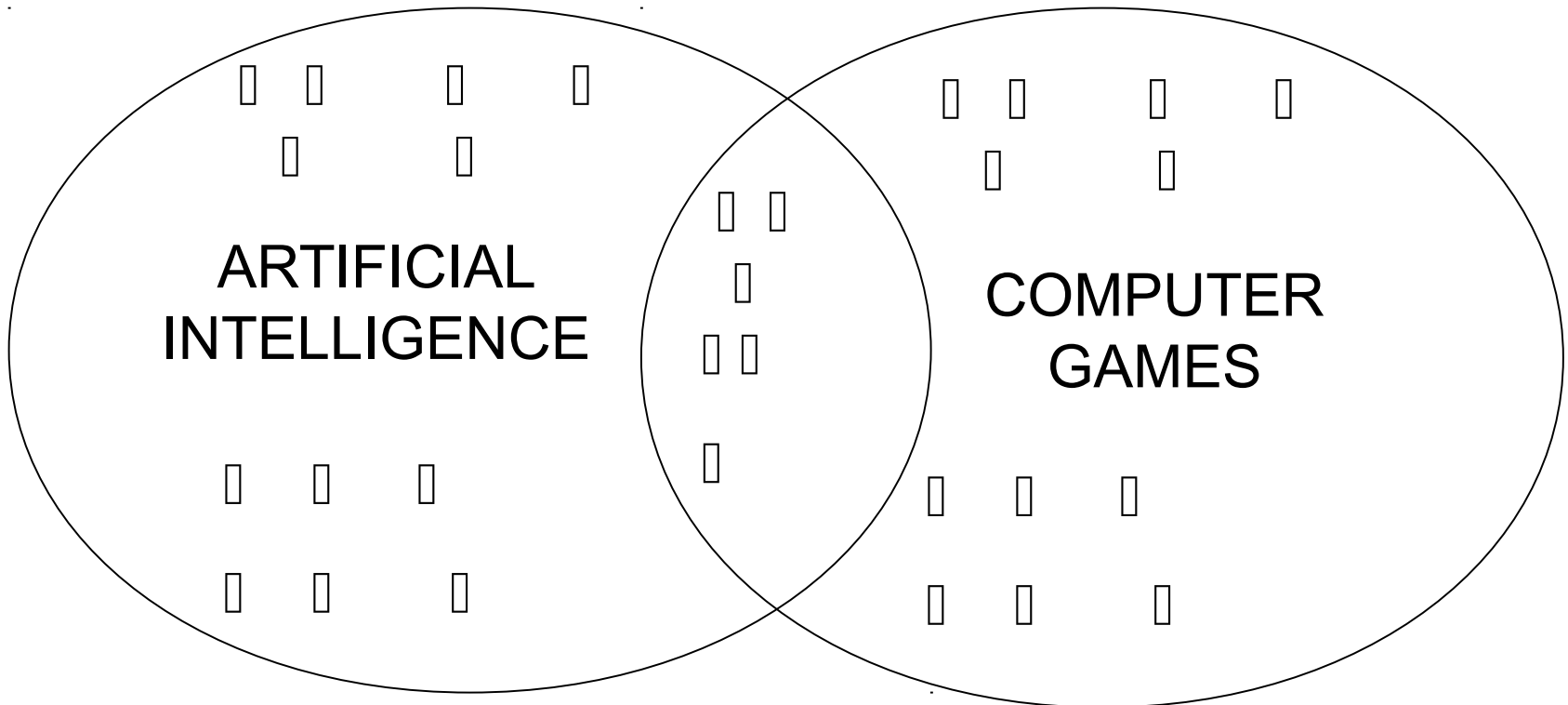
2a. Select information sources

- Library catalogs: *UPC, CCUC...*
- Bibliographic databases: Inspec, WoS, etc
- Internet: *Google Scholar, etc.*



Search Strategy

3a. Identify major concepts and its Boolean relationship





Search Strategy

4a. Identify keywords and synonyms

<i>Game console</i> <i>Game consoles</i>	<i>Videogame</i> <i>Videogames</i>	<i>Computer game</i> <i>Computer games</i>	<i>Artificial intelligence</i> <i>AI</i>
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Search Strategy

5a. Study the query language of the resources

**-Operators, Search fields, Thesauri ,
etc**



Search Strategy

6a. Write a search statement according to it

((computer* AND game*) OR videogame* OR console*) AND (“artificial intelligence” OR ai)

Search Strategy

- **Step 2: Execute the search**
- **Step 3: Evaluate your results**
- **Step 4: Check the terminology and restart if needed**



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Evaluation of information

Once we have got the
results, we'd better check a
several things...

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Search Strategy

Evaluate your search results

- Too many articles? (Noise)

- Use more specific terms or phrases to narrow the search to exactly what you need
- Limit your search to restrict retrieval to entries that meet specific requirements

-Too few articles? (Silence)

- Check the spelling
- Use some more general search terms or
- Add more synonyms (with OR). Use the thesaurus if possible or look in other interesting records and search using their subjects.

Evaluation of information

- URL domain: **.com, .edu, .info, etc.?**
- Website creation date (© copyright), and latest update?
- Who???: **personal website?? Institutional website?**
- Information about author? (CV, activities, other publications)

Evaluation of information

- **Authorship intention (“about us”)?: inform, criticize, sell...?**
- **The data offered are easily verifiable?**
- **Data offered are from an acknowledged source?**
- **Are there some links to interesting or related websites?**
- **The website is cited or linked from other websites?**



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1. Information search, systems and strategy

Questions?

**you can use Atenea forum
or contact us by e-mail**

NEXT → 2. Ethical use of information

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