



MODERN DIGITAL SKILLS

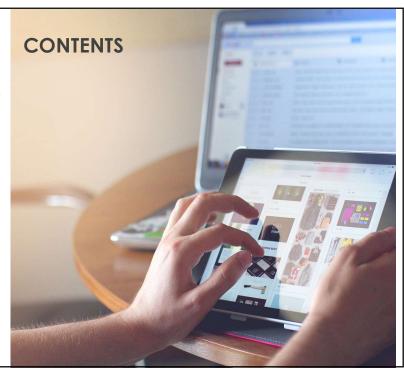


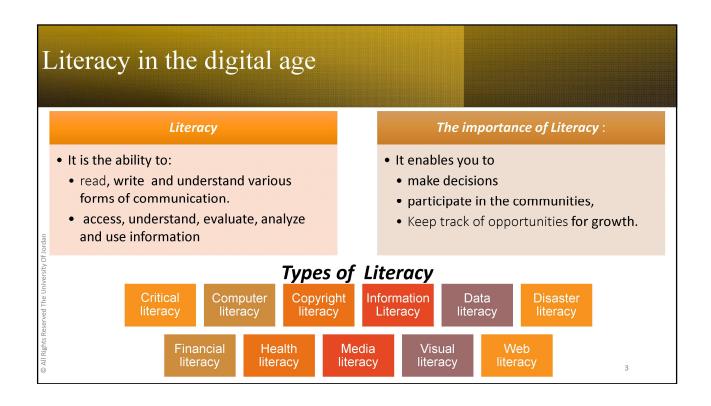
CHAPTER 2: INFORMATION AND DATA LITERACY

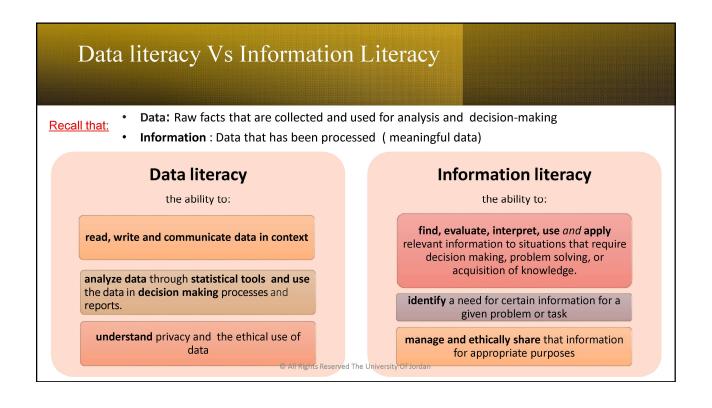
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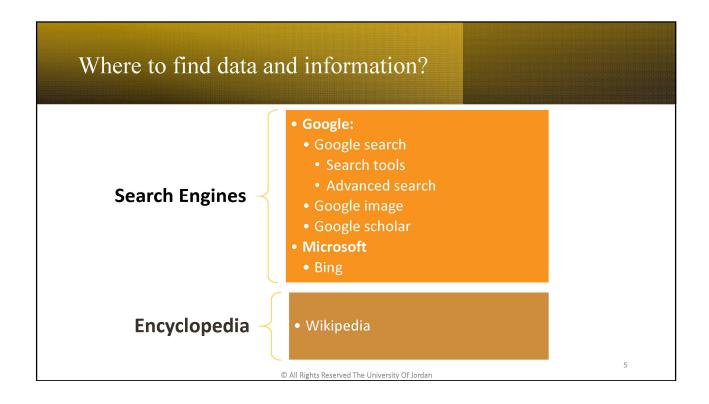
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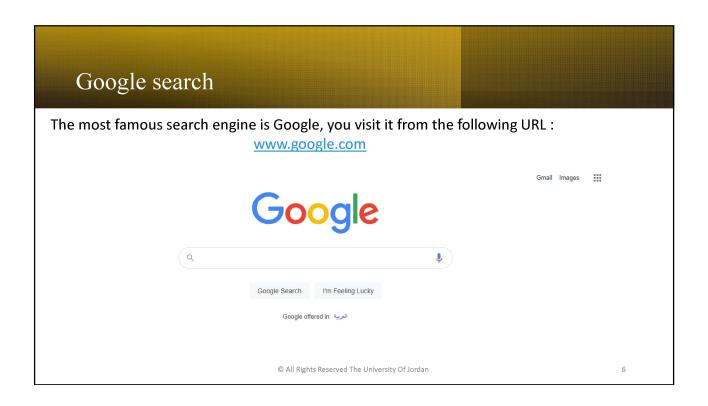
- 1. Literacy in the digital age
- 2. Data literacy Vs Information Literacy
- 3. Where to find data and information
- 4. Google search (skills and hacks)
 - Search by time
 - Google search characters
 - Image search tools
 - Video search tools
- 5. Google advanced search
- 6. Google images
- 7. Google Scholar
- 8. Bing Microsoft search engine
- 9. Wikipedia
- 10. Credibility of Information on internet
 - Critical information literacy: Pause before you share





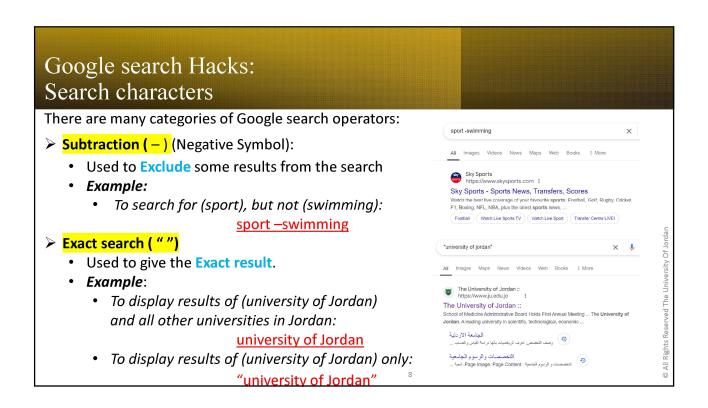






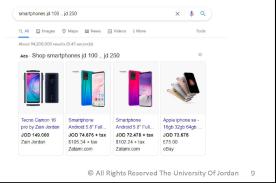
Google search Hacks: search by time • You can specify the time of your search results, to do this: 1. Write the keyword that you are searching for in the search textbox 2. Click on (tools) button 3. Select the time you want from: (Anytime) list box × J Q Google Q All ■ Images ♀ Maps ▶ Videos ■ News : More ✓ Any time Past hour most magnificent facade; the Treasury, or Al Khazna. It is almost ra Museum - General Information Past month **Petra** (Arabic: البين , romanize<mark>d: Al-Batrāˈ; Ancient Greek: Πέτρα, "Rock"), originally known to its</mark> Area: 264 km2 (102 sq mi) Location: Ma'an Governorate, Jordan

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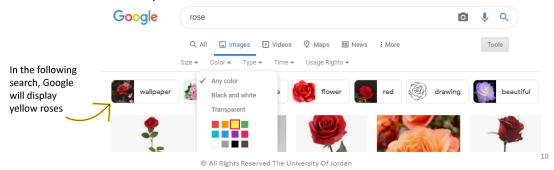
Google search Hacks: Search characters

- Range of Numbers (..)
 - Used to determine range of numbers: (from .. to ..)
 - Example:
 - To show results of smartphones with prices from (100 250 JD).
 - smartphones jd 100 .. jd 250



Google search Hacks: Image search tools

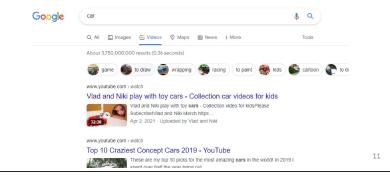
- To search for images of (roses) in Google, do the following:
 - 1. Write the keyword (rose) in the search textbox
 - 2. Click on (Images)
 - 3. click on (tools) options
 - 4. Select the size, color and time.



Google search Hacks: Video search tools

Example:

- To search for videos about (car) drawing tutorials, do the following:
 - 1. Write the keyword (car) in the search text box,
 - 2. Select (videos) options



Google Advanced search

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Advanced Search is used to search for pages in terms in the whole page, page title, or web address, or links to the page you're looking for.

Use Google advanced search from the following URL:

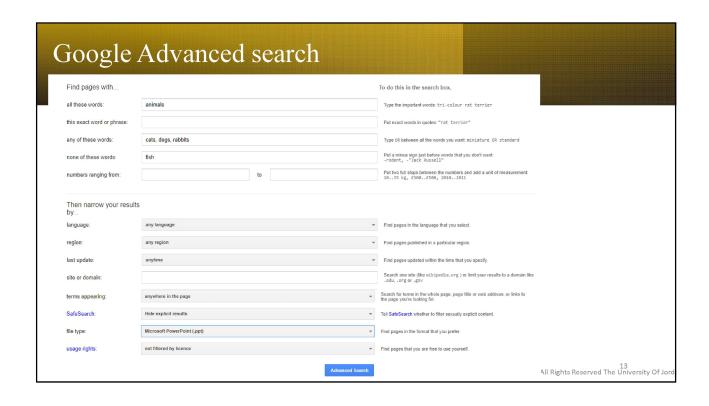
https://www.google.com/advanced search

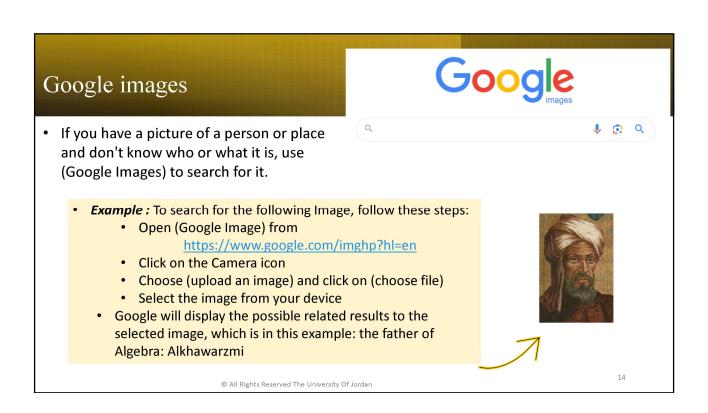
Example: Suppose you want to search for the following:

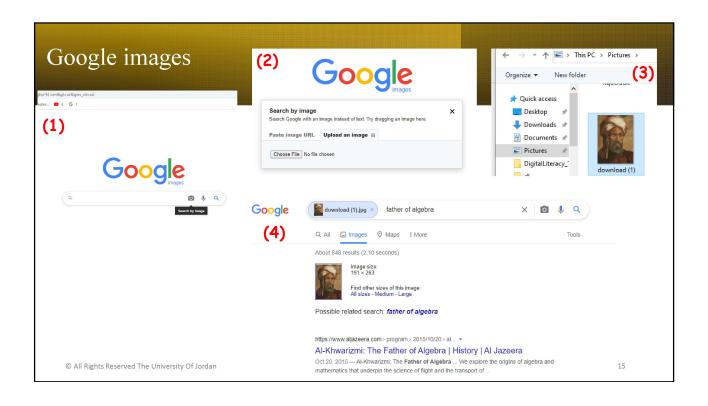
- Pages about (Animals)
- these animal should be rabbits, dogs or cats
- these animals shouldn't be fish
- the results should have ppt format (power point file)
- You don't want google to display non appropriate results
- Open Google Advanced search and fill the options as follows:
 - all these words: Animals
 - Any of these words: dogs, cats, rabbits
 - None of these words: fish
 - File format: ppt

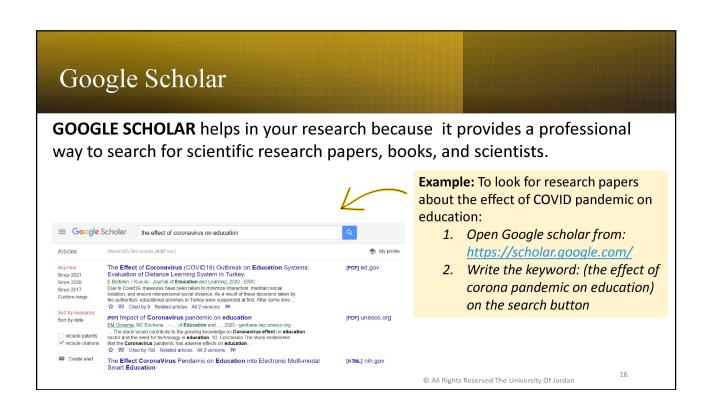
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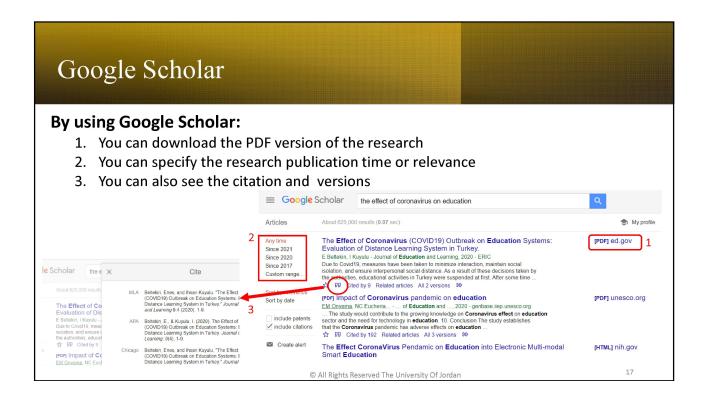
12













Wikipedia

Wikipedia is a free content, multilingual online encyclopedia written by volunteers through open collaboration, using a wiki-based editing system.



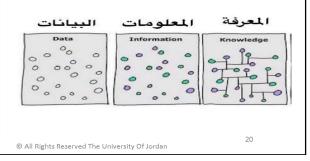
10

Credibility of Information on Internet

- Internet users can access many resources for information.
- Some users get their information from resources like social media platforms (such as Facebook, X (Twitter), TikTok, and others).

Knowledge is created by processing and interpreting **information** from **raw data**.

- If the data is inaccurate or false, the resulting information will be incorrect.
- Relying on incorrect information can cause serious problems because they will result in False knowledge.



Critical information literacy: Pause before you share!

There are three categories of **Information disorder**:

- 1. Misinformation
- 2. Disinformation
- 3. Mal information

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21

Critical information literacy: Pause before you share!

Misinformation: False but spread without intent

Misinformation: sharing inaccurate and misleading information in an unintentional way, like false rumors





2



