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Using the Databases

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Computing Subject Librarian

Academic Support Team

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What we will cover:

- What are research databases
- An intro to ACM, IEEE, Science Direct
- LibrarySearch for identifying other useful databases
  Research data, statistics and business cases
- Document Supply
- Using Other Libraries
- Help

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What Are Databases

https://www.youtube.com/watch?v=Q2GMtIuaNzU&feature=youtu.be

So our databases ensure your materials are:

Current
Authoritative
Relevant
Purpose/point of view is clear

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Analysing Your Topic

Identify from your statement those key words and phrases that represent the principal ideas or concepts.

Write down the **keywords** that you think describe each principle idea or concept for

Using microservices for legacy software modernization

***E.g.* scalable applications, software maintenance, Software development**

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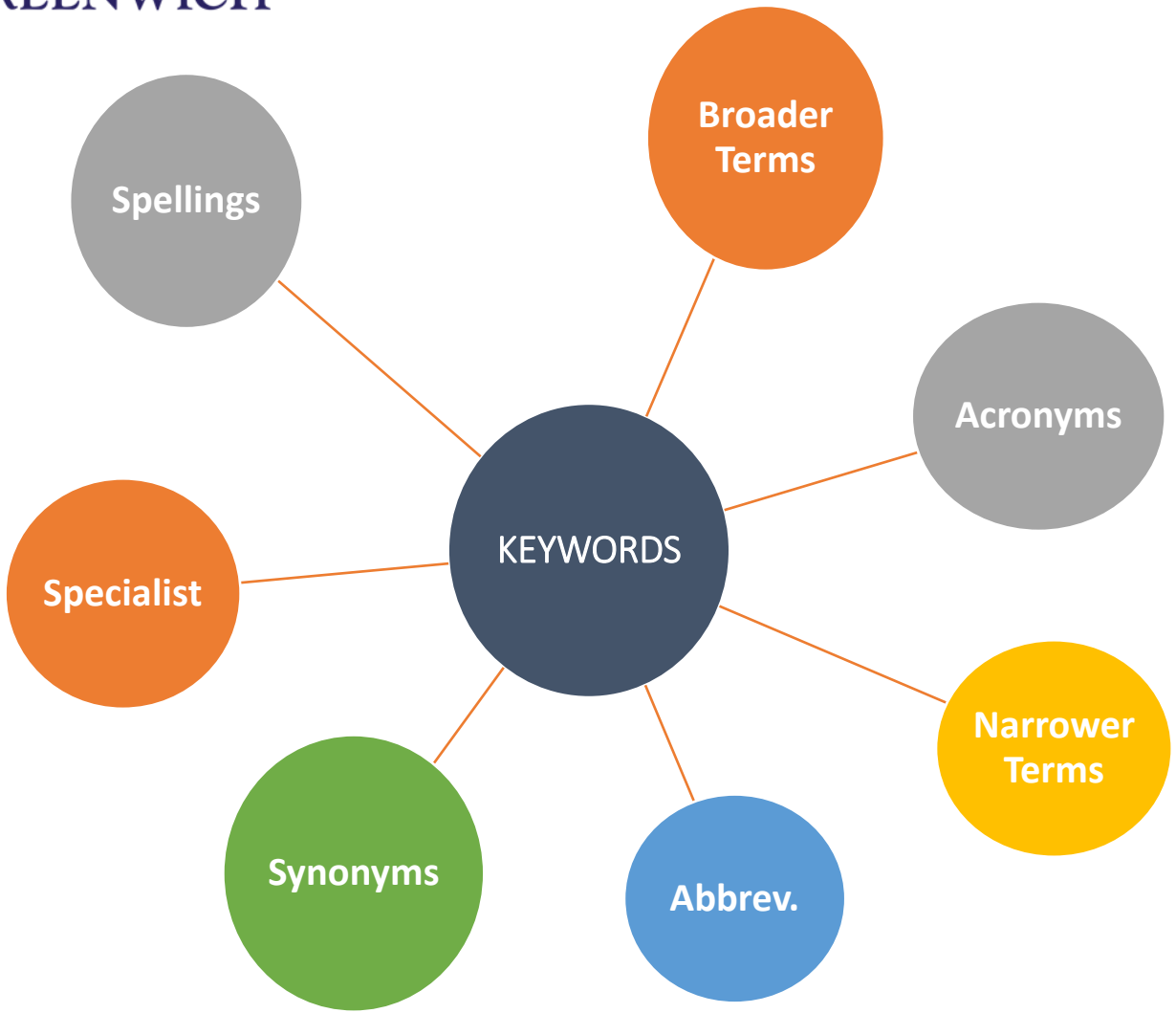

Finding alternative/better words for your searches:

- Consider the words you use – deconstruct your topic ideas
- Use a thesaurus or specialist dictionary
- Speak to friends and family, it will help you focus and work harder to explain your ideas to a lay person

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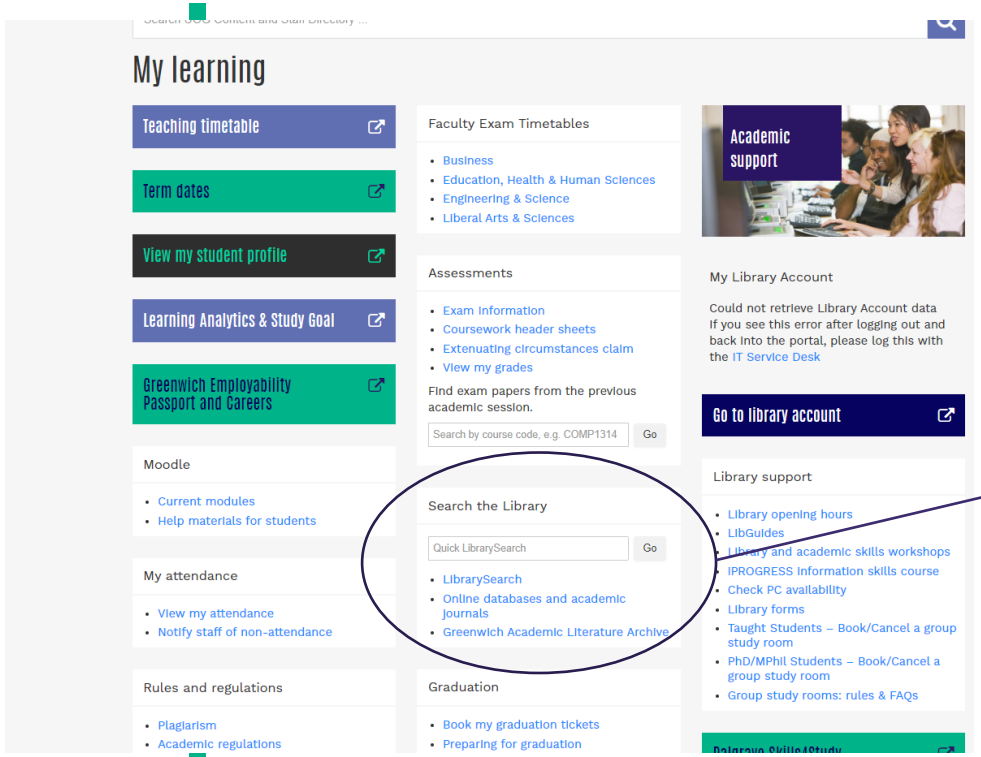
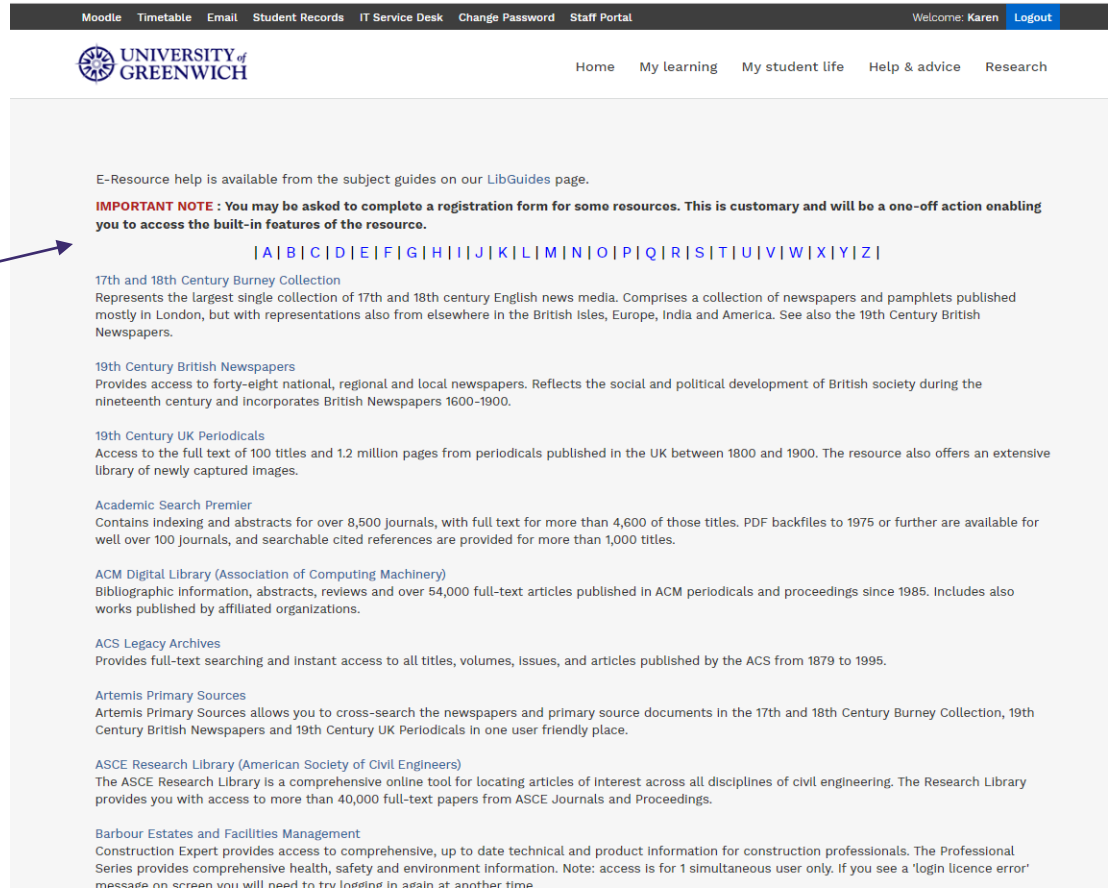
Our Online Databases and Academic Journals





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Demo of Databases

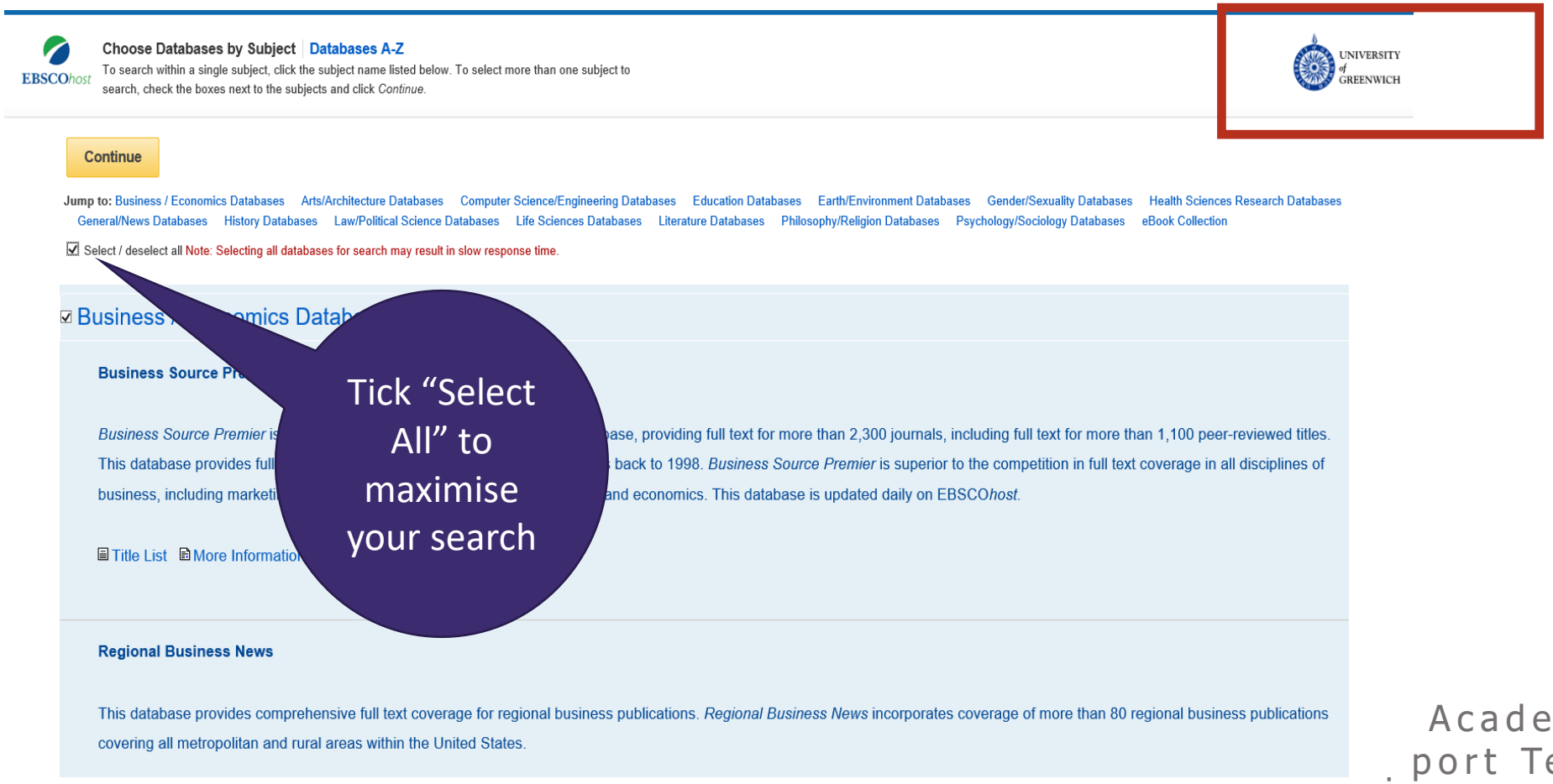
For the purpose of the first demo I will do all the searches using the same word:

data visualisation

....on 4 different databases (EBSCO, ACM, IEEE, Science Direct). This way I can compare and contrast many features

Try it yourself

EBSCO host



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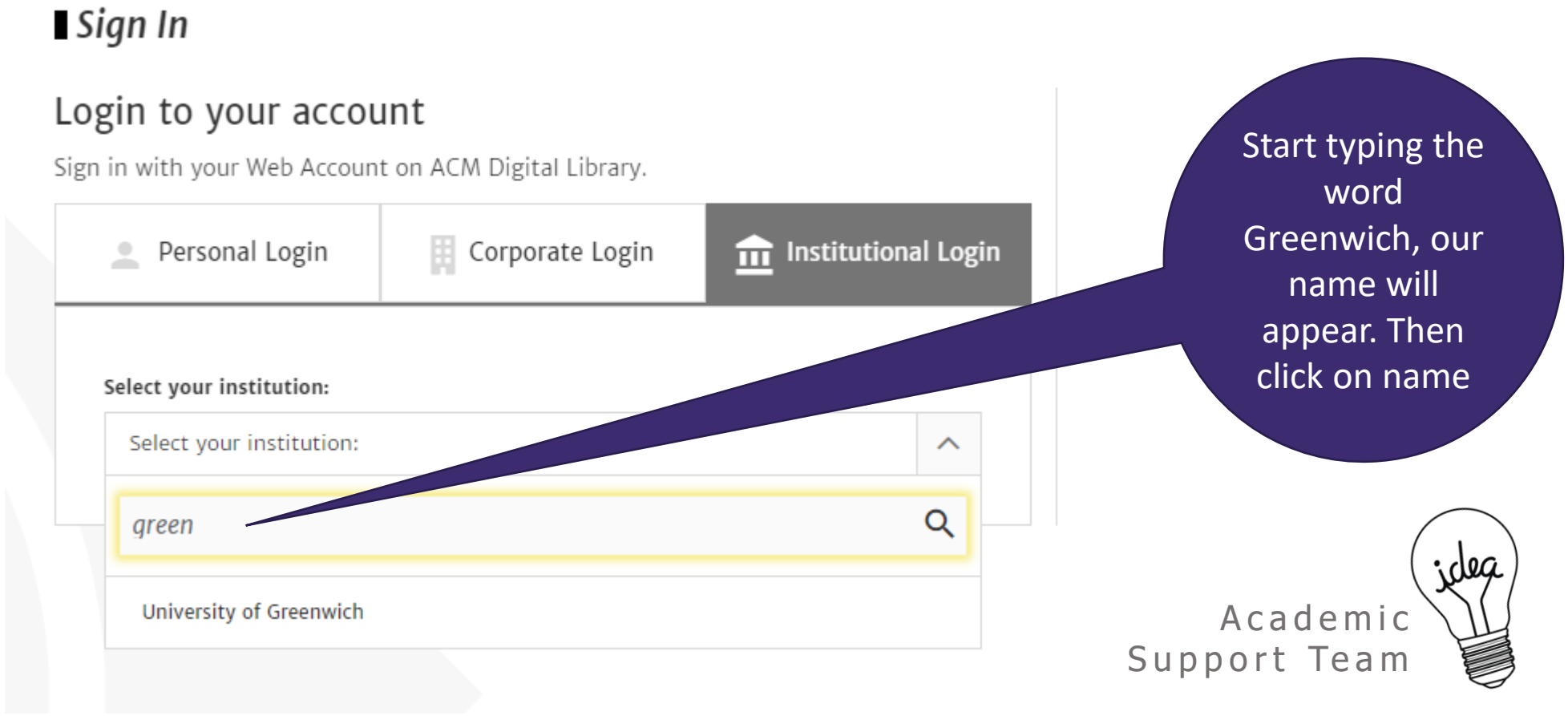
Look at the Journal: ACM Computing Surveys, known as CSUR

ACM Digital Library

(Association of Computing Machinery)



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Look at the Journal IEEE Communications Surveys & Tutorials

IEEE Xplore Digital Library -

Institute of Electrical and Electronics Engineers

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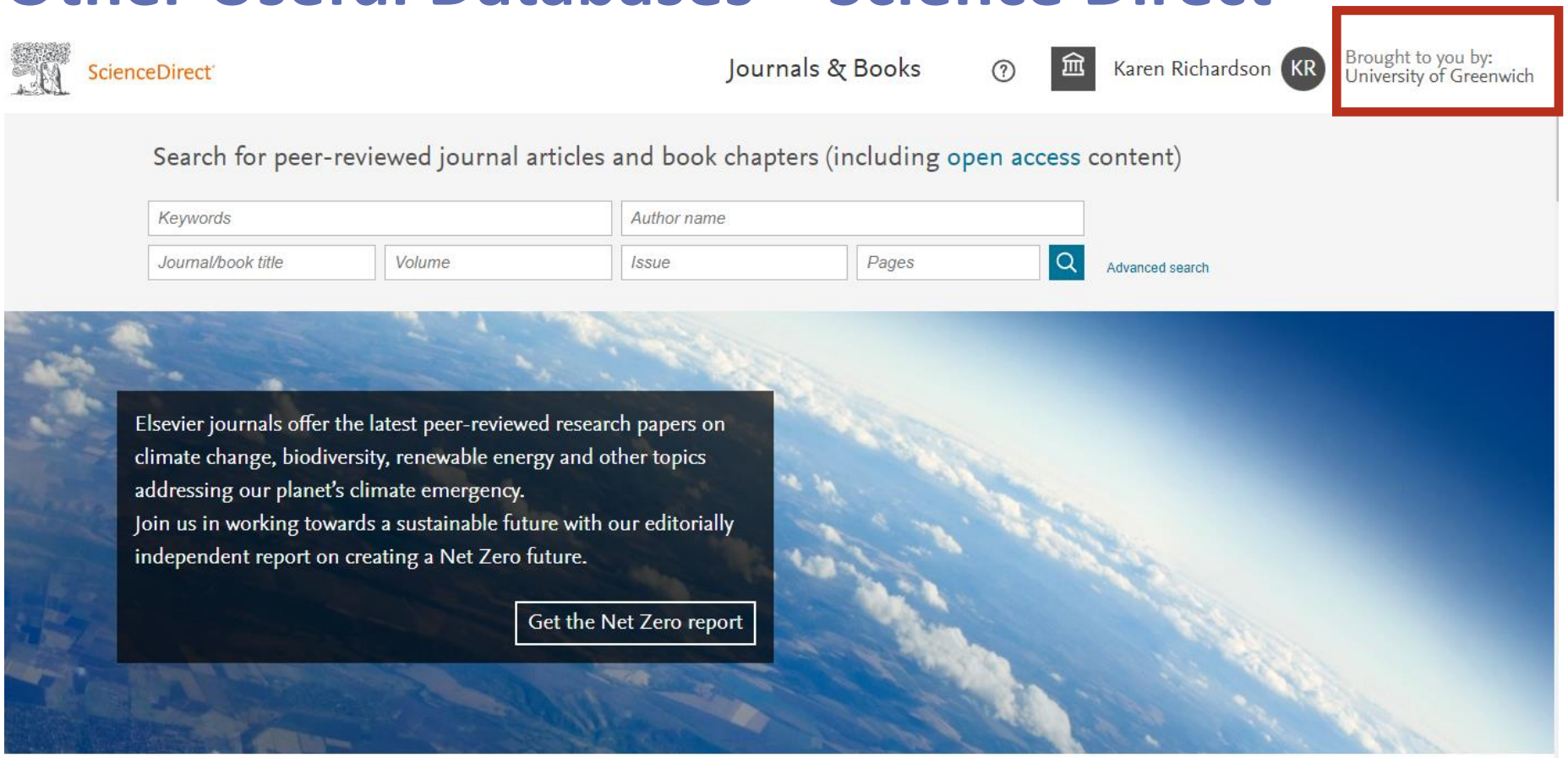
Other Useful Databases – Science Direct



We do not have a full subscription to this, if it asks for money make a *Document Delivery Request* in LibrarySearch

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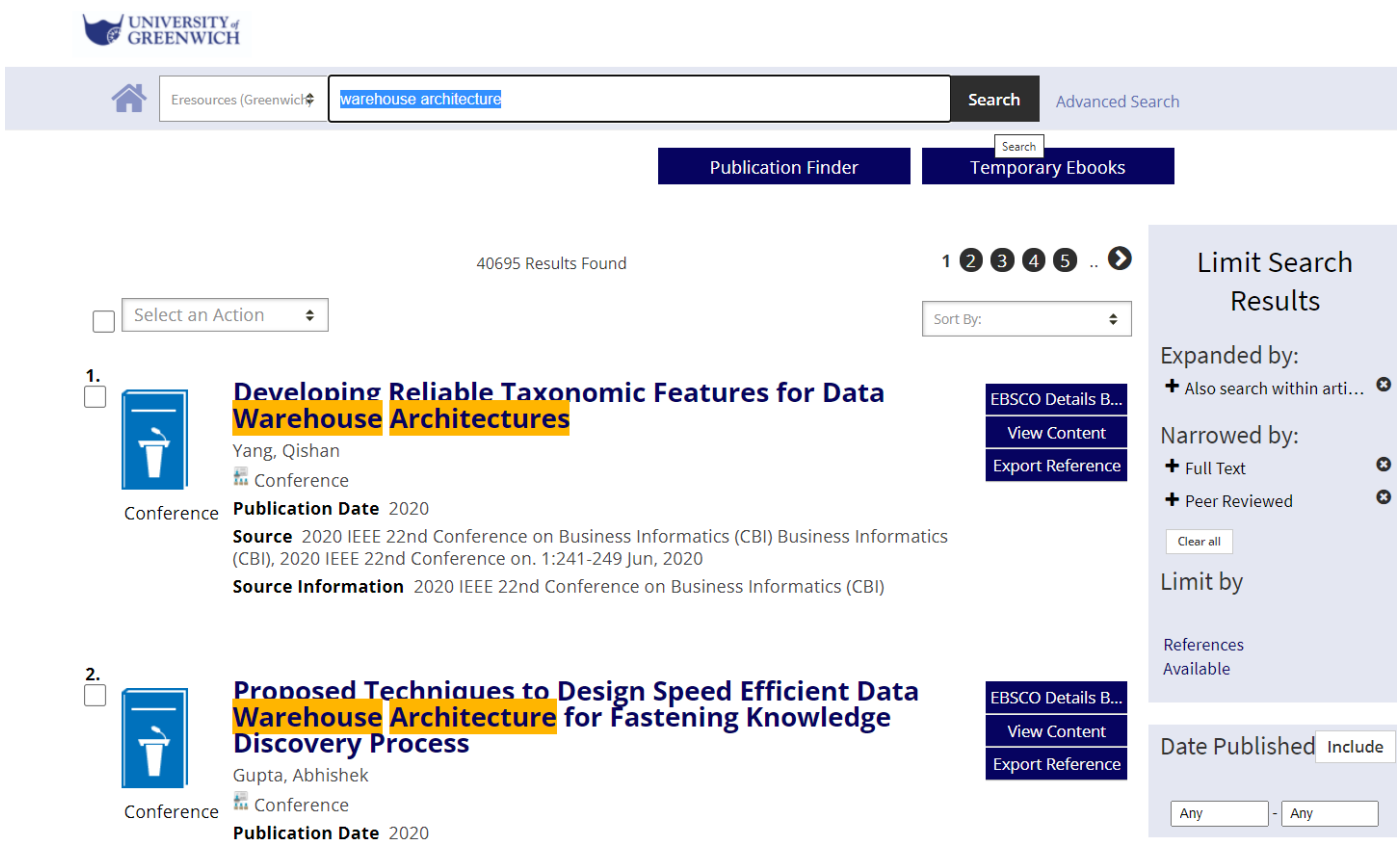
Other Sources



LibrarySearch does not pull everything off our databases due to software incompatibilities

However, by looking at the filters (blue bar on right) you can identify which publishers and databases have the most hits and then use their database.

Quick tip: see what happens when you put “quote marks” around your search term

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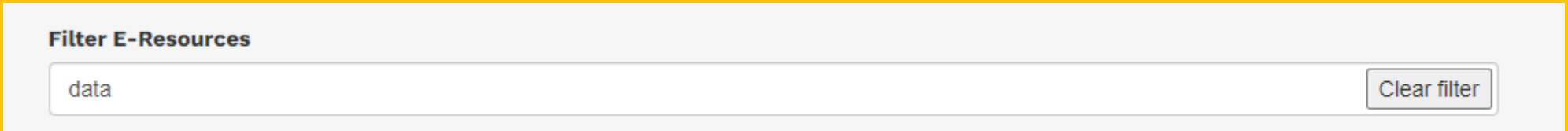
Finding Data and Statistics

In the Online databases and academic journals

Use the filter box, to identify useful resources



Some key sources follow in the next slides

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Key Library data resources

Macroeconomic data	Company financial data	Market research data and statistics
Eikon FT.com	Eikon FAME/Orbis FT.com	Passport Mintel Oxygen

Portal > My Learning > Online databases and academic journals

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Free data on the Web

Search tools for free data

There is a lot of free data out there, for quality data, make sure it comes from organisational or education websites *i*.e. that end in .org .ac .edu

Or visit https://www.quora.com/Where-can-I-find-large-datasets-open-to-the-public

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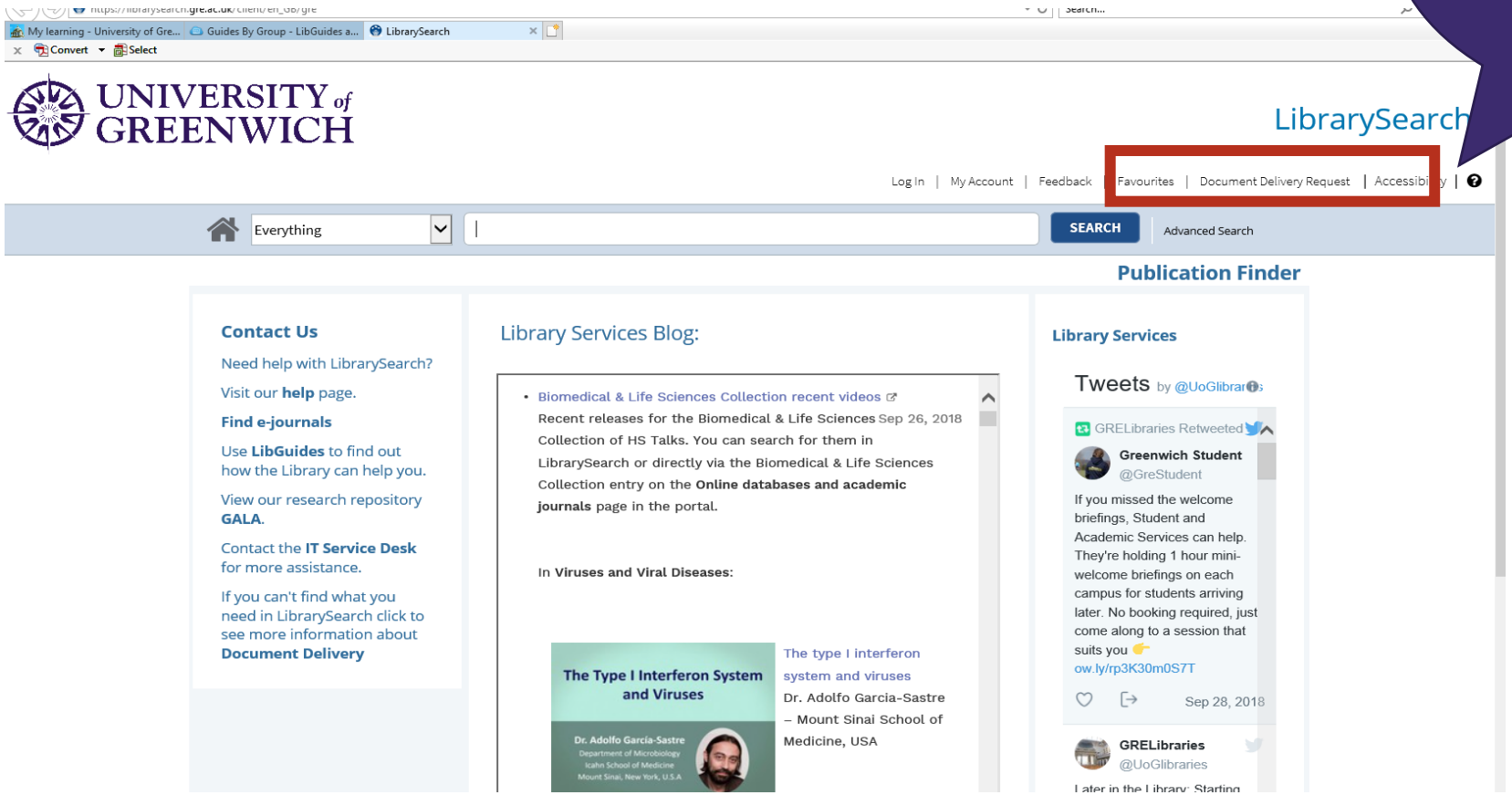
Getting materials we don't have

Use document delivery request to ask for journal articles and books we don't stock.



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Using other libraries

Other campus libraries

Avery Hill, Medway

British Library

https//www.bl.uk

Other university libraries

SCONUL Access Scheme – www.sconul.ac.uk

Search their catalogues- https://discover.libraryhub.jisc.ac.uk/

Specialist libraries

City Business Library

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Help

Writing, Referencing and Researching

Palgrave Skills4Study Campus – lightweight intro (links in My Learning and Moodle)

Sage Research Methods – Everything to do with writing a dissertation (library databases)

Cite Them Right Online (a – z databases) for referencing

One to one with tutor or librarian – libcal.gre.ac.uk

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Any questions?

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http://libguides.gre.ac.uk/computing

CHANGE STARTS HERE

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