**QME Homework 2**

**Topic: Report on Bibliographic databases**

**Team members:**

Pochiraju Venkata Naga Sai Krishna Abhinay (1819771),

Rachuri Mani Niharika (1819748),

Alikana Pavan Kumar (1826777),

Gunturi Vamsi Krishna Varma (1794653),

Dudekula Dastagiri (1826239)

**Bibliographic database:**

A bibliographic database is an online database that lists sources of information and describes the information, but that does not include the text of the information itself. It contains only references to various types of documents such as journal articles, books, conference papers and reports.

**How a Bibliographic database search fits into the research plan:**

A search of a bibliographic database is the first step in investigating a new research area or refining a research project. Surveying the previous research enables you to pinpoint topics for further research or replication of that research. You can also use a search to locate general articles and books on your topic to broaden your understanding of it and to learn about recent developments. After your research is complete, you can use a bibliographic search as an efficient way to find articles on your topic that were published since your initial search, in order to incorporate these recent findings into your report. Once references are retrieved from a bibliographic databases, you need to try and find the full-text articles.

**Some freely accessible Bibliographic databases:**

PubMed - [www.pubmed.gov](http://www.pubmed.gov)

Directory of Open Access Journals - [www.doaj.org](http://www.doaj.org)

PubMed Central - [www.pubmedcentral.nih.gov](http://www.pubmedcentral.nih.gov)

The Public Library of Science (PLoS) - [www.plos.org](http://www.plos.org)

BioMed Central (BMC) - [www.biomedcentral.com](http://www.biomedcentral.com)

OpenDOAR - [www.opendoar.org](http://www.opendoar.org)

CiteSeer - [www.citeseer.ist.psu.edu](http://www.citeseer.ist.psu.edu)

**Search engines for Bibliographic content:**

# Science Direct - <https://www.sciencedirect.com/>

CiteSeerX - <http://citeseerx.ist.psu.edu/index>

Google Scholar - <https://scholar.google.com/>

**Types of Bibliographic databases:**

|  |  |  |
| --- | --- | --- |
| Field | **Bibliographic database** | **Description** |
| Medicine | [Medline](https://www.nlm.nih.gov/pubs/factsheets/medline.html) | For articles covering medicine, nursing, pharmacy, dentistry, veterinary, medicine and health care |
| Biology | [BIOSIS](http://wokinfo.com/products_tools/specialized/bp/) previews (Biological abstracts) | For articles covering traditional [biology](https://en.wikipedia.org/wiki/Biology) (e.g. [botany](https://en.wikipedia.org/wiki/Botany), [ecology](https://en.wikipedia.org/wiki/Ecology), [zoology](https://en.wikipedia.org/wiki/Zoology)) and interdisciplinary subjects (e.g. [biochemistry](https://en.wikipedia.org/wiki/Biochemistry), [biomedicine](https://en.wikipedia.org/wiki/Biomedicine), [biotechnology](https://en.wikipedia.org/wiki/Biotechnology)). |
| Physics | [INSPEC](https://www.theiet.org/resources/inspec/index.cfm) | Its subject coverage includes astronomy, electronics, communications, computers and computing, computer science, control engineering, electrical engineering, information technology, physics, manufacturing, production and mechanical engineering |
| Chemistry | [Chemical abstracts](https://www.cas.org/) (CA search) | Is a division of the [American Chemical Society](https://en.wikipedia.org/wiki/American_Chemical_Society). It is a source of chemical information. |
| Agriculture | [CAB Abstracts](https://en.wikipedia.org/wiki/CAB_Direct_(database)#CAB_Abstracts) | For articles related to [agriculture](https://en.wikipedia.org/wiki/Agriculture), [environment](https://en.wikipedia.org/wiki/Environmental_science), [veterinary](https://en.wikipedia.org/wiki/Veterinary) sciences, [applied economics](https://en.wikipedia.org/wiki/Applied_economics), [food science](https://en.wikipedia.org/wiki/Food_science) and nutrition. Database covers international issues in agriculture, [forestry](https://en.wikipedia.org/wiki/Forestry), and allied disciplines in the life sciences. |
| Economy | [EconLit](https://www.aeaweb.org/econlit/) |  |
| Information or Library science | [LISA](https://home.zhaw.ch/lau/Datenbankanleitungen/LISAguide.pdf) | Provides bibliographic information about past and present developments in librarianship, information science, online retrieval, publishing and information technology |
| Psycology | [PsychINFO](http://www.apa.org/pubs/databases/psycinfo/index.aspx) |  |
| Philosophy | [Philosopher’s Index](https://philindex.org/) |  |
| Languages | [Modern language abstracts (MLA)](https://www.mla.org/Publications/MLA-International-Bibliography) | For research in all aspects of modern languages and literature. |