A **B-tree** is a self-balancing [tree data structure](https://en.wikipedia.org/wiki/Tree_data_structure) .

The B-tree is optimized for systems that read and write large blocks of data.

B-trees are a good example of a data structure for external memory.

It is commonly used in case where I need to search/insert/delete on large set of database or filesystems.

**Example Scenario:**  In a Bank, million customer info record is found. Type particular account number and get customer info.

Move data from database to filesystem.

Here in this entire data or search tree formed cannot sit on main memory.

Algorithm sits on main memory. Only Block of data sits on main memory.

Pointers in algorithms points to Disk for search/insertion/deletion.