**Programming databases with Python**

* General purpose languages have libraries for accessing databases
* To connect to a database, a program must have a library specific to that database manager.
* These libraries use a connection-cursor model.
* Programs can read query results in batches or all at once
* Queries should be written using parameter substitution, not string formatting.

Useful: <https://www.python-course.eu/sql_python.php>

**Cursor:** A pointer into a database that keeps track of outstanding operations.

In computer science, a cursor is a control structure that enables traversal over the records in a database. Cursors facilitate subsequent processing in conjunction wit the traversal, such as retrieval, addition and removal of database records.

Connection () is the network connection to the database, used to return cursors – close when done with database all together. Cursor object is an iterator over a result set from a query.