**Testing**

Testing in Excel-VBA is limited to a preinstalled debugging tool, that only allows for unit tests for specified code snippets.

The common way of testing is described in the follow in section:

1. Strat the development environment by hitting alt + F11. Then navigate to “debugger”
2. Click anywhere in the VBA editor.
3. To step-by-step test your code, hit F8
4. By hitting F5 the code is executed entirely

While Excel does not directly allow for data import validation from SQL Servers, rudimentary tests can be developed, if it is known that the data set does not change much trough the cycle in terms of size, quantity, etc. For instance, row and column counts, checksums or missing values can serve as indicators for data set completeness. Such tests are highly useful, and it is advised to incorporate them. However, they require specific data base know-how, which is often hard to come by.