Technical Tip 03 - Extracting data from an Excel spreadsheet
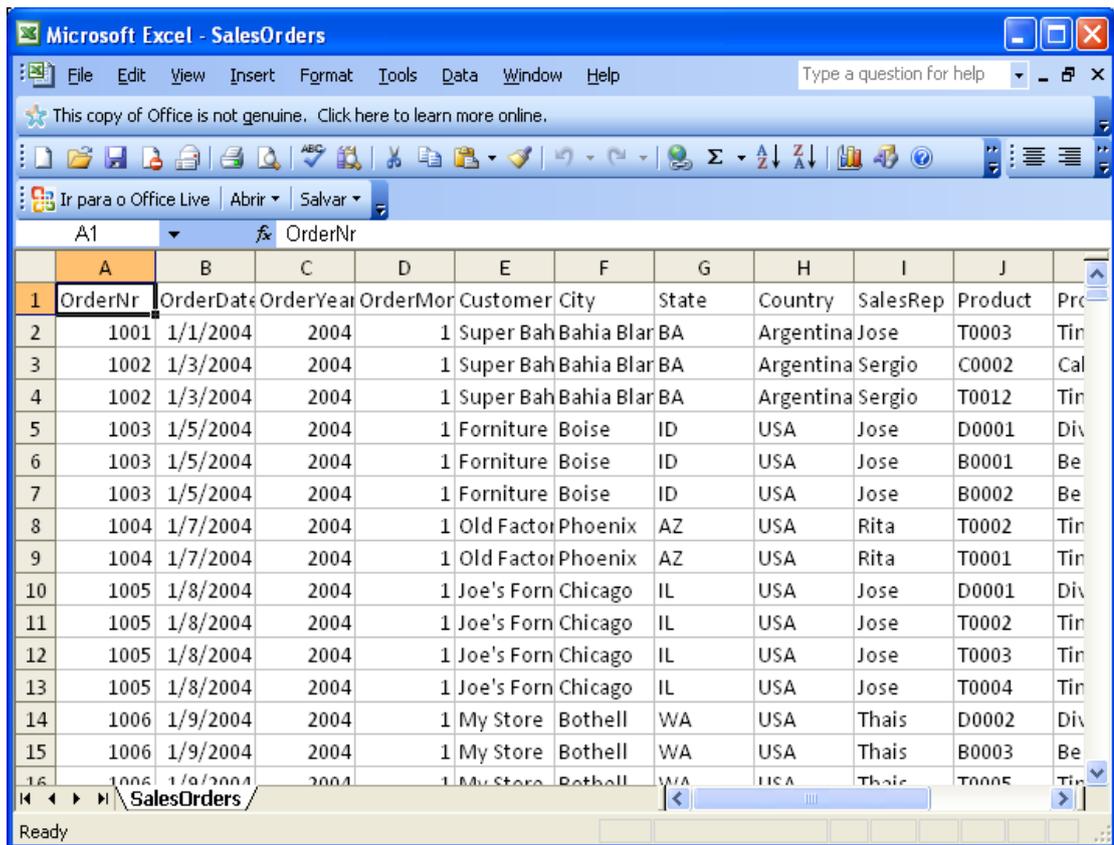
To use data stored in MS-Excel files for analysis with BXBwebsuite:

1) The worksheet data has to be arranged in database format, i.e, organized in columns, like the example in Figure 1.

Figure 1

2) Create an ODBC data source via "Administrative Tools" from the "Control Panel" window. Note that it must be a "System DSN" - not a "User DSN (see example in Figure 2).

Note: *if you are using a 64-bit Windows operating system, look at Hint 04 (ODBC data sources on Windows 64bits). The access to the correct utility is different than in 32-bit environment.*
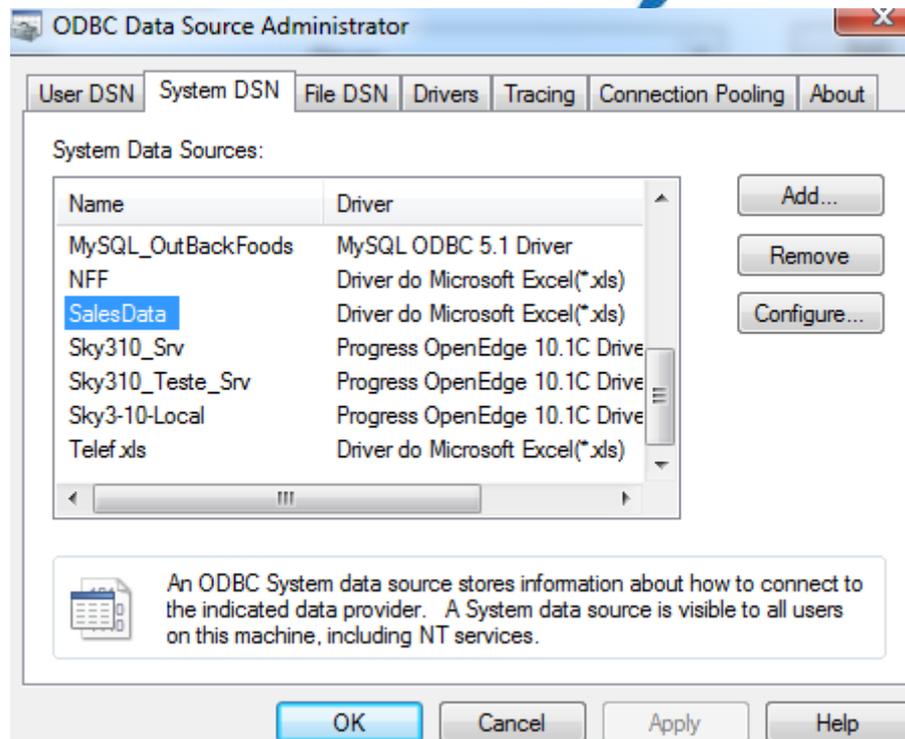
Figure 2

In the example above, a file named *SalesOrders.xls,* has been linked the ODBC Data Source Name *SalesData*.

The file *SalesOrder.xls* contains a spreadsheet called *SalesOrders*, which will be recognized as a table and its columns as fields. Then an "extractor program" can be written in SQL script format (like the example below) in BXBwebsuite cube configuration routine, following the instructions of the respective technical documentation or of the videos posted in the products websites.

```
SELECT
     OrderNr,
     Customer,
     ProductLine,
     Product,
     OrderYear,
     OrderDate,
     SalesPrice,
     Cost
FROM
     [SalesOrders$]
```

Or simply

SELECT * FROM [SalesOrders$]

If you want to retrieve all columns.