RIMSS

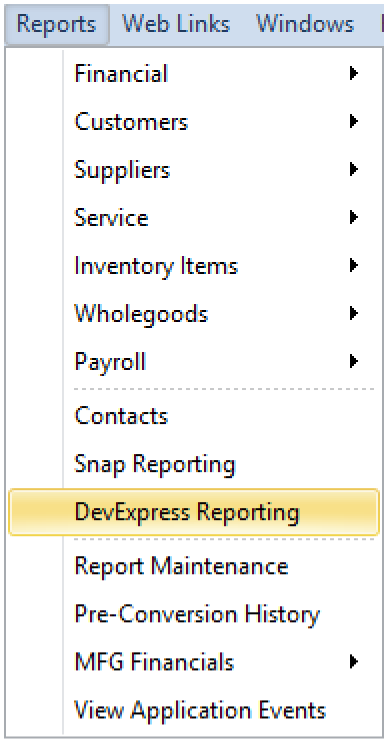
WinNet Star Advanced Enterprise System

DevExpress Reports
Advanced Reporting Tool

Software Development

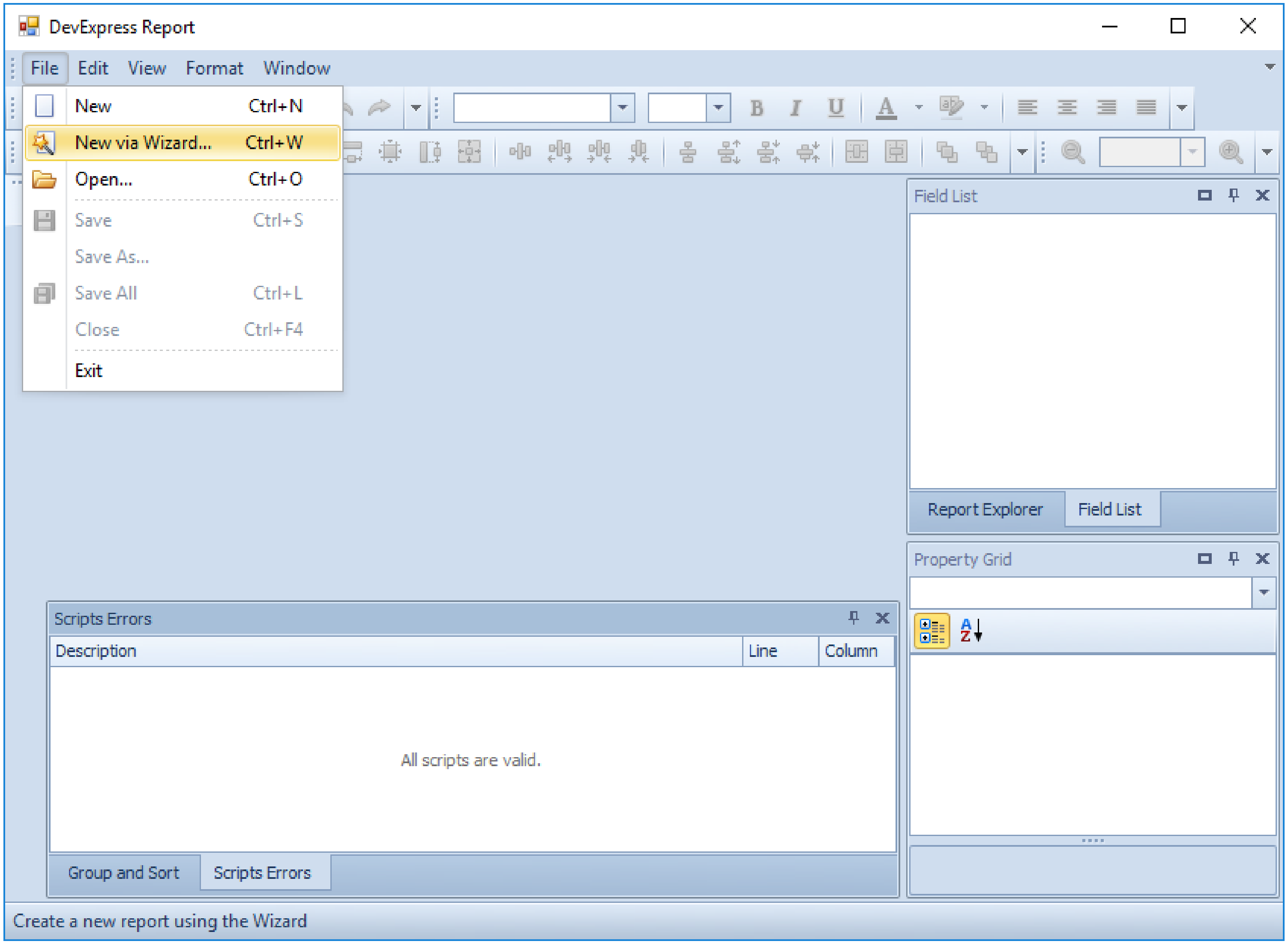
RIMSS Business Systems Technology

To access DevExpress Reporting go to: Reports > DevExpress Reporting.



To create a DevExpress report that is connected to data, do the following:

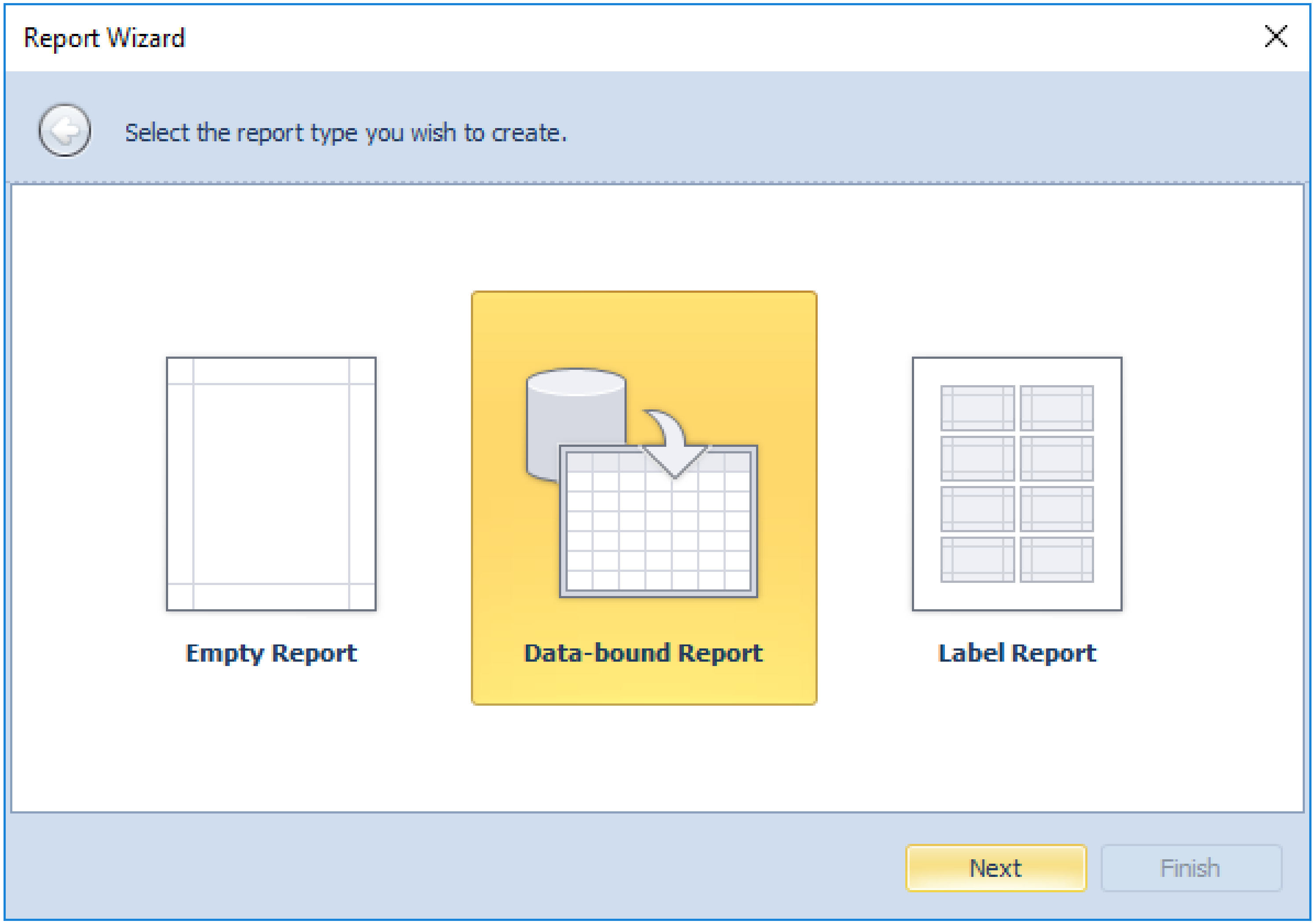
1. Click File, **New via Wizard**… to invoke the Report Wizard window.



Report Wizard

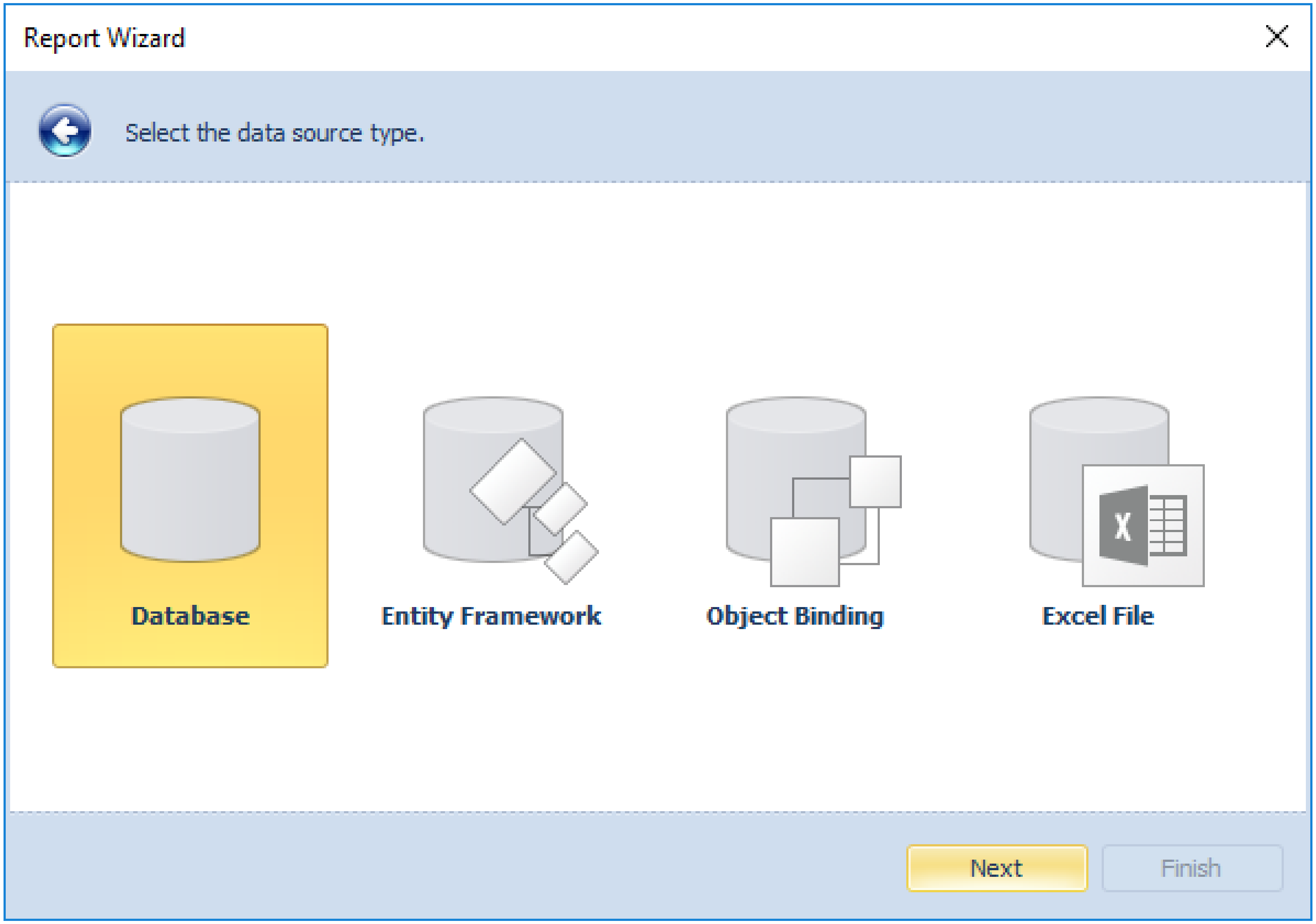
Select the report type you wish to create.

2. Select the report type (Data-bound Report) and click **Next**.



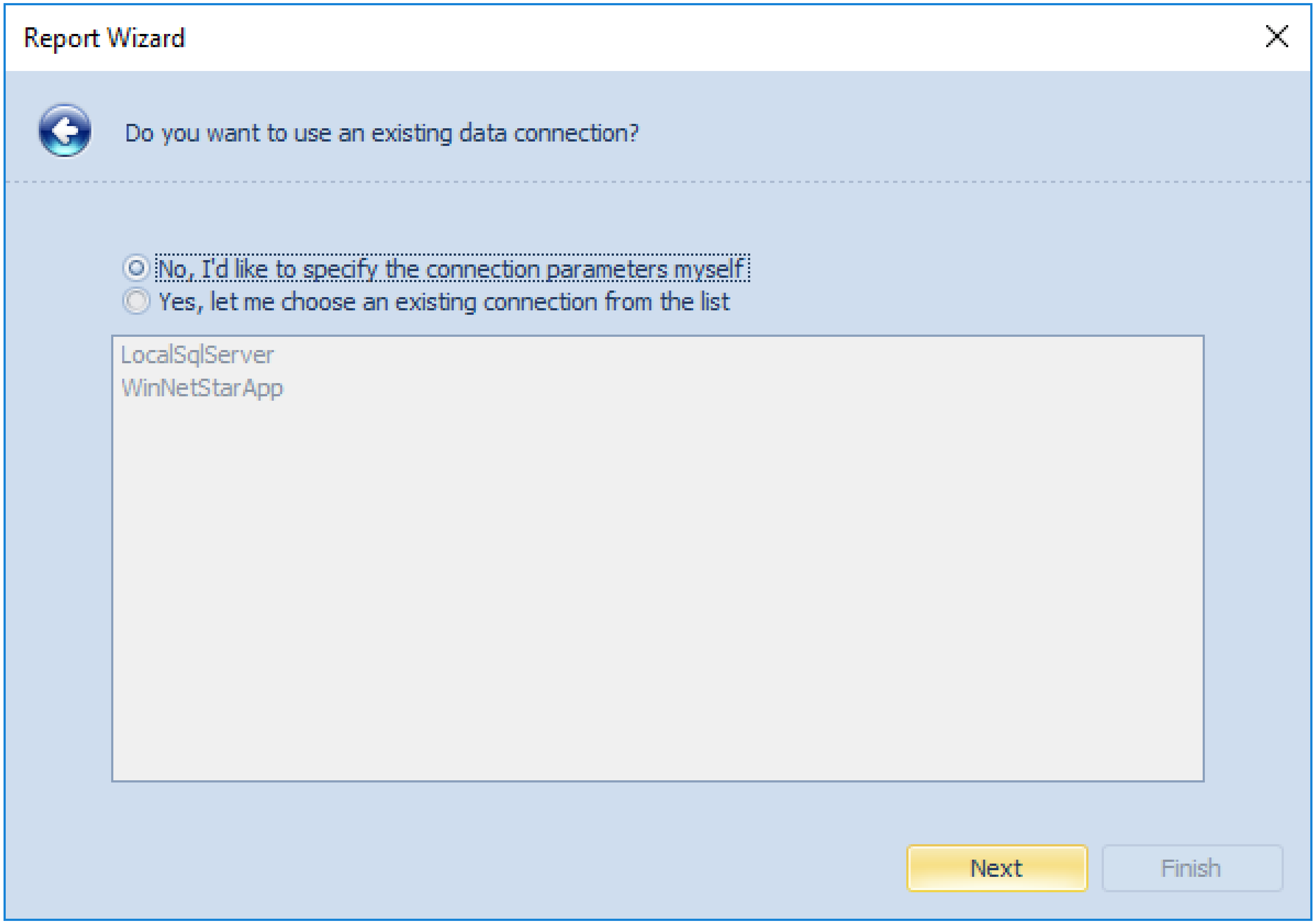
Select the data source type.

3. Select the data source type (Database) and click **Next**.



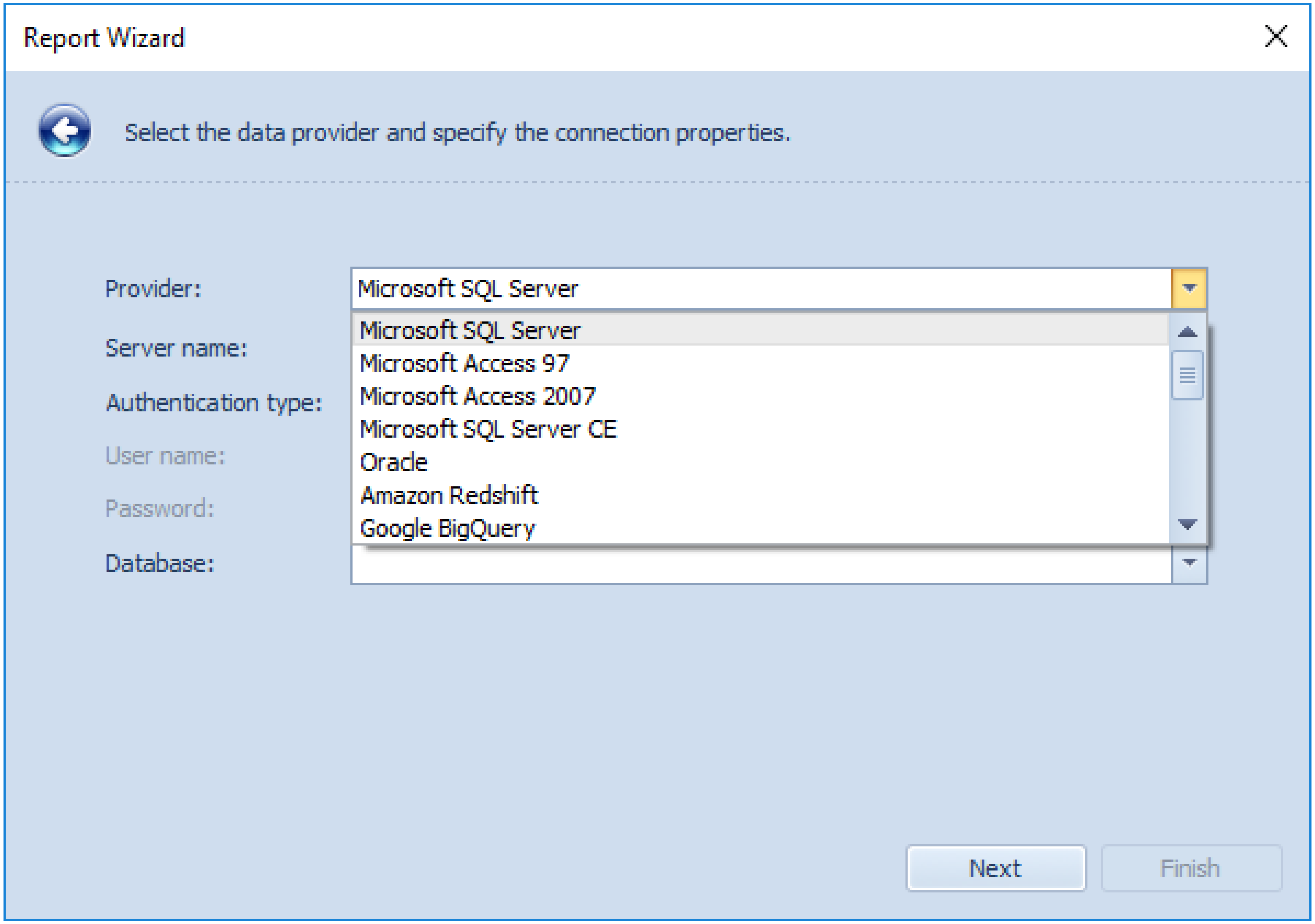
Do you want to use an existing data connection?

4. Select “No, I’d like to specify the connection Parameters myself” and click **Next**.

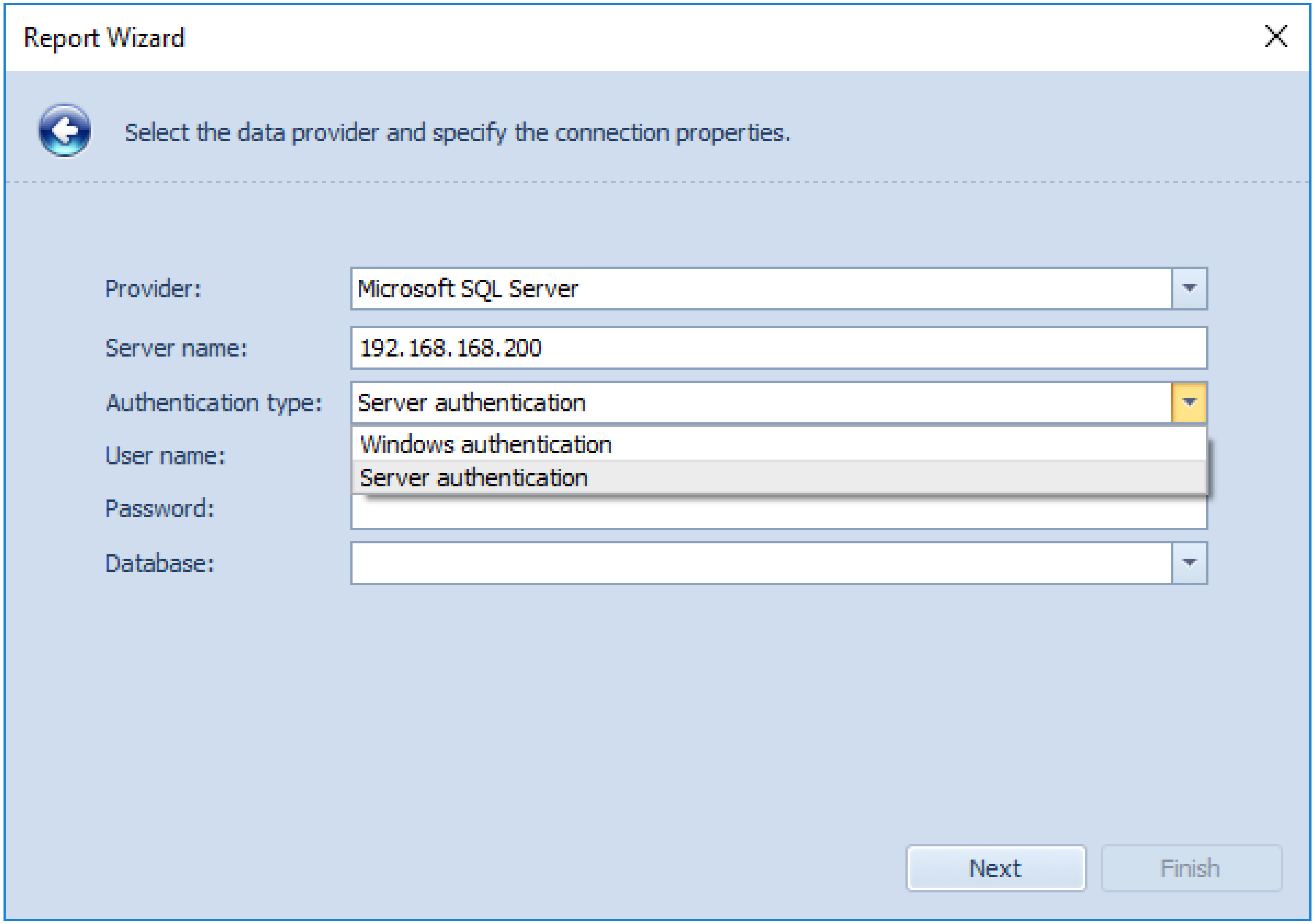


Select the data provider and specify the connection properties.

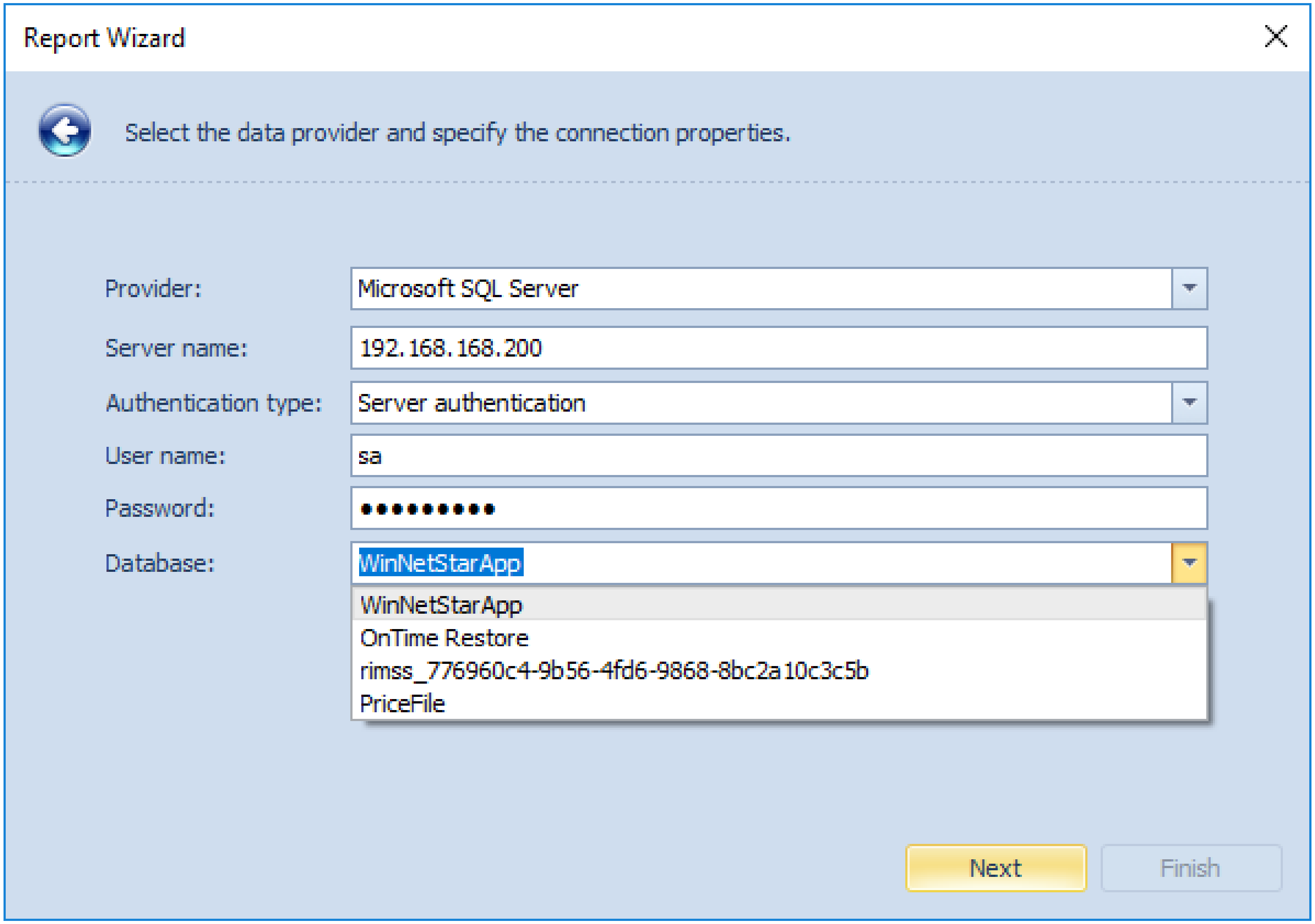
5. Select the Provider (Microsoft SQL Server).



6. Enter the Server name (IP address).
7. Select the Authentication type (Server authentication).

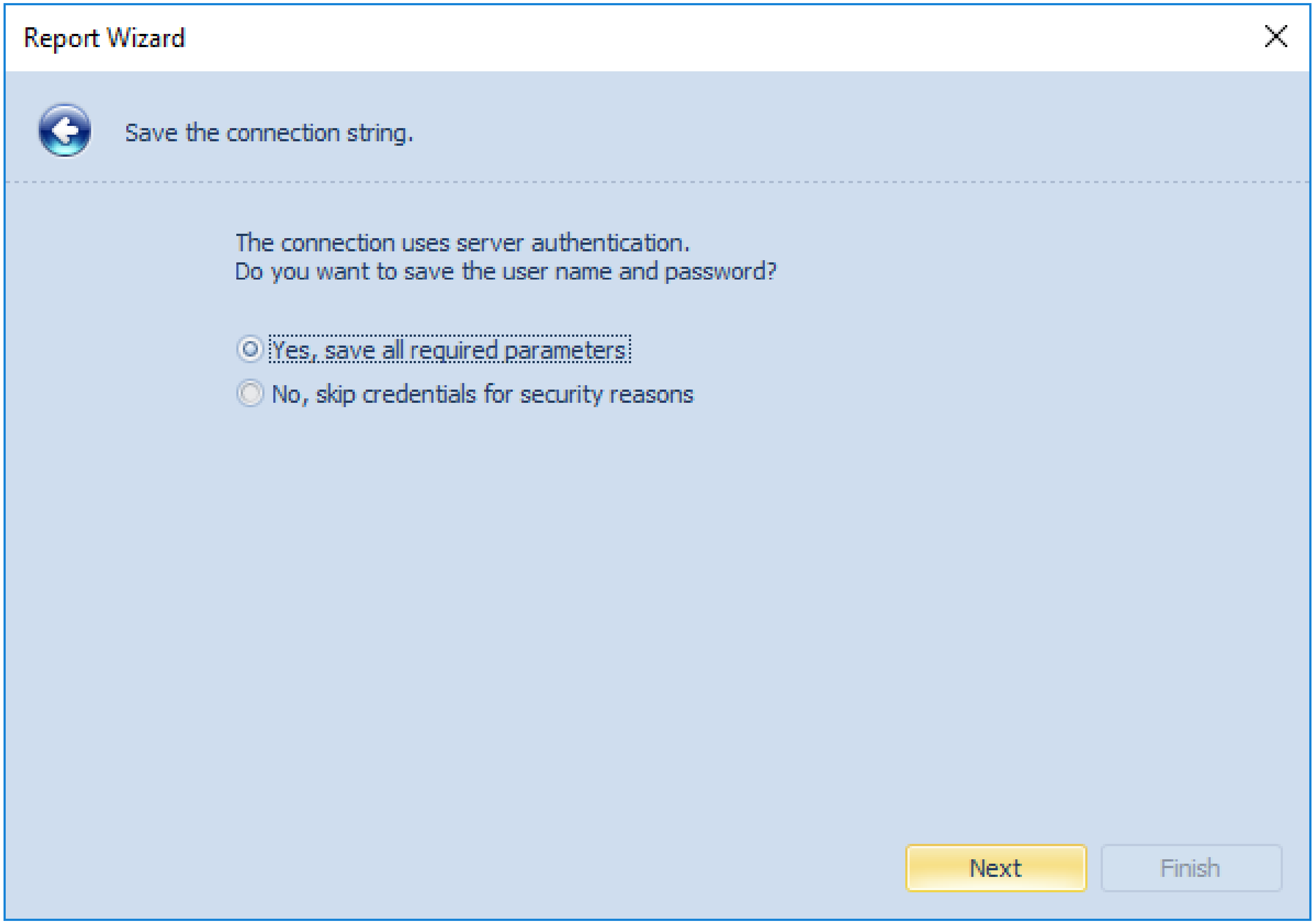


8. Enter your User name.
9. Enter your Password.
10. Select the Database (WinNetStarApp) and click **Next**.



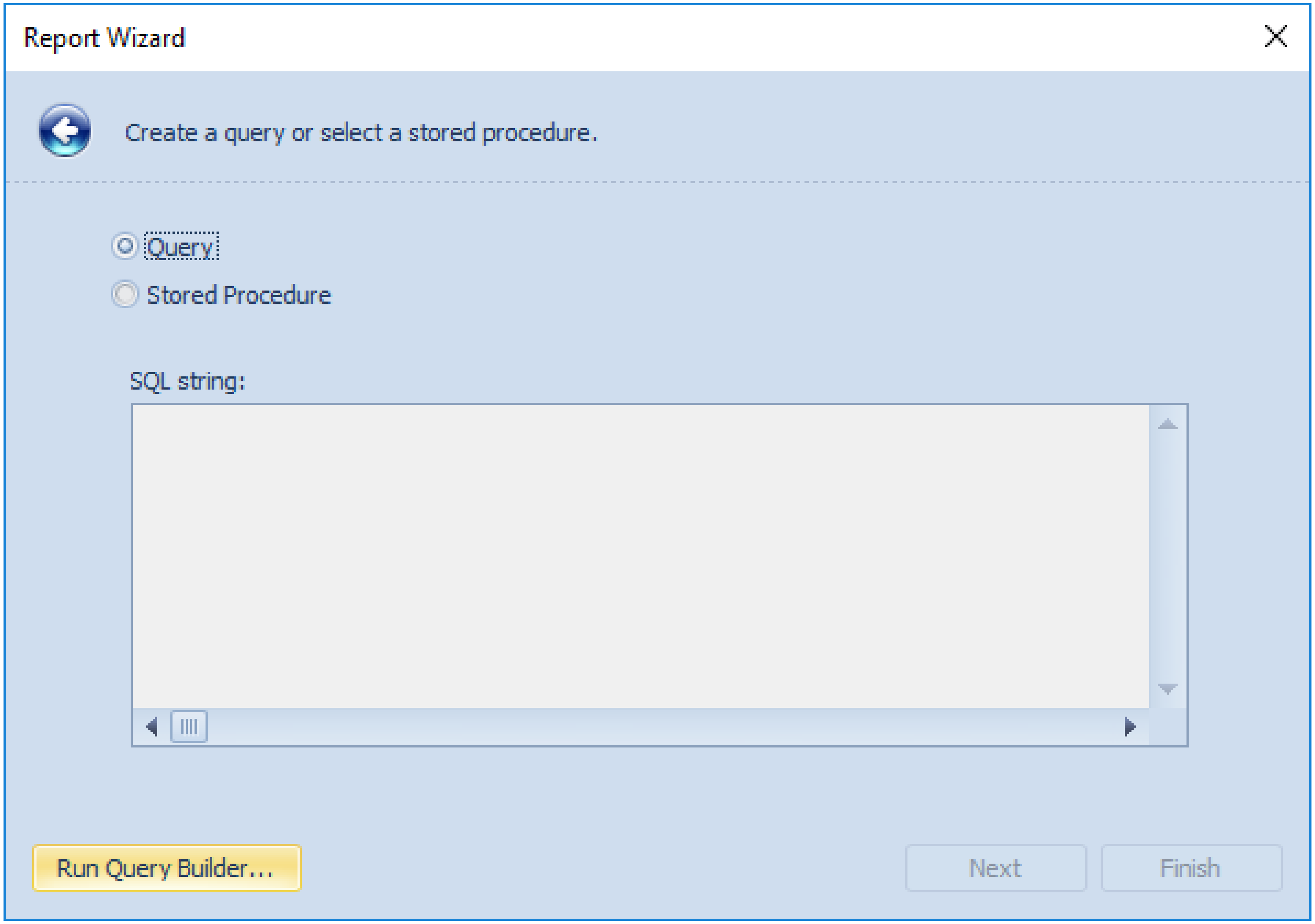
Save a connection string… The connection uses server authentication.

11. Do you want to save the user name and Password? Select "Yes, save all required parameters" and click **Next**. Selecting "No skip credentials for security reasons" will require the user name and password when accessing a saved report.)



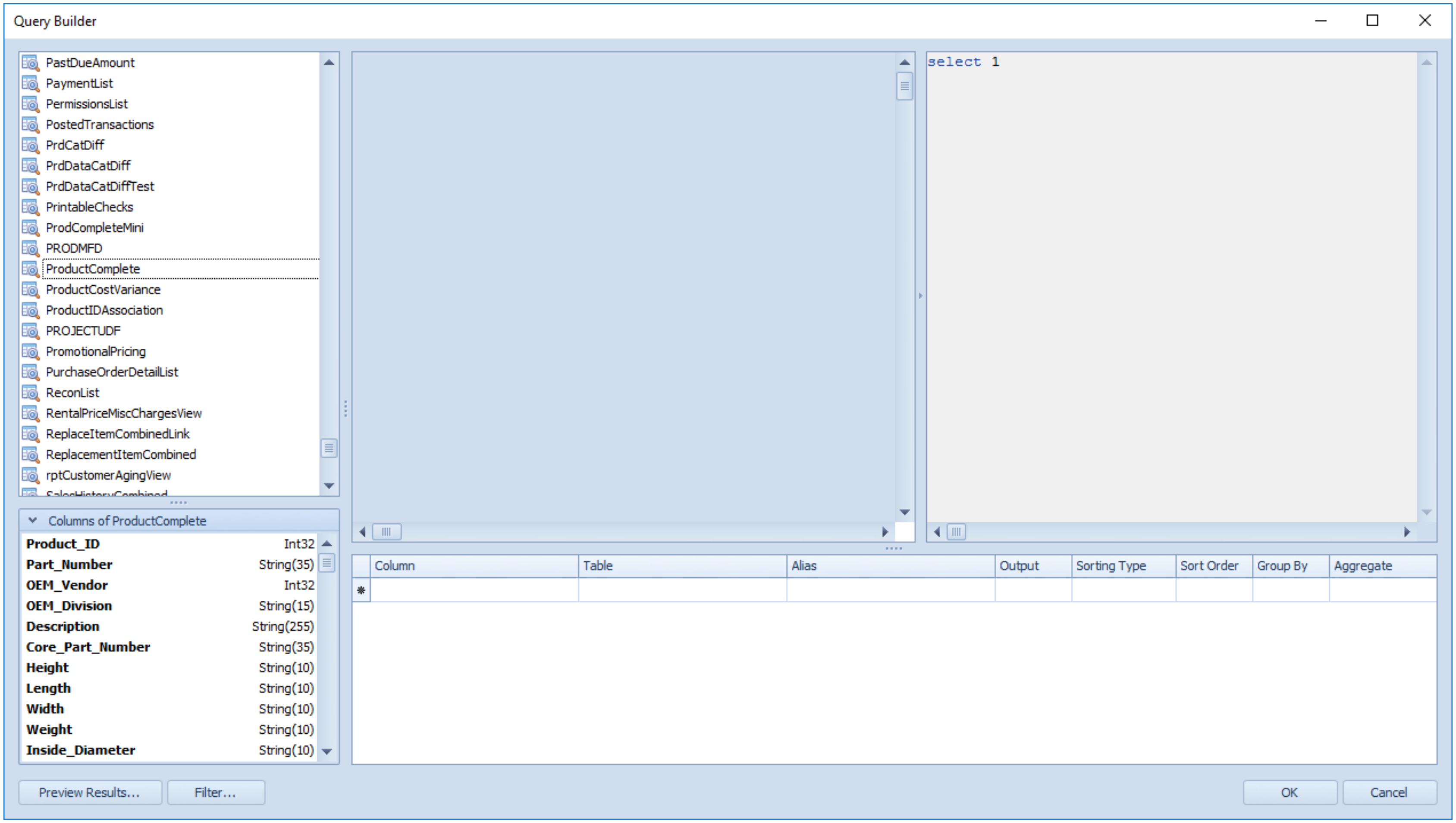
Create a query or select a stored procedure.

12. Select **Query** and click **Run Query Builder**… to invoke the **Query Builder** window.



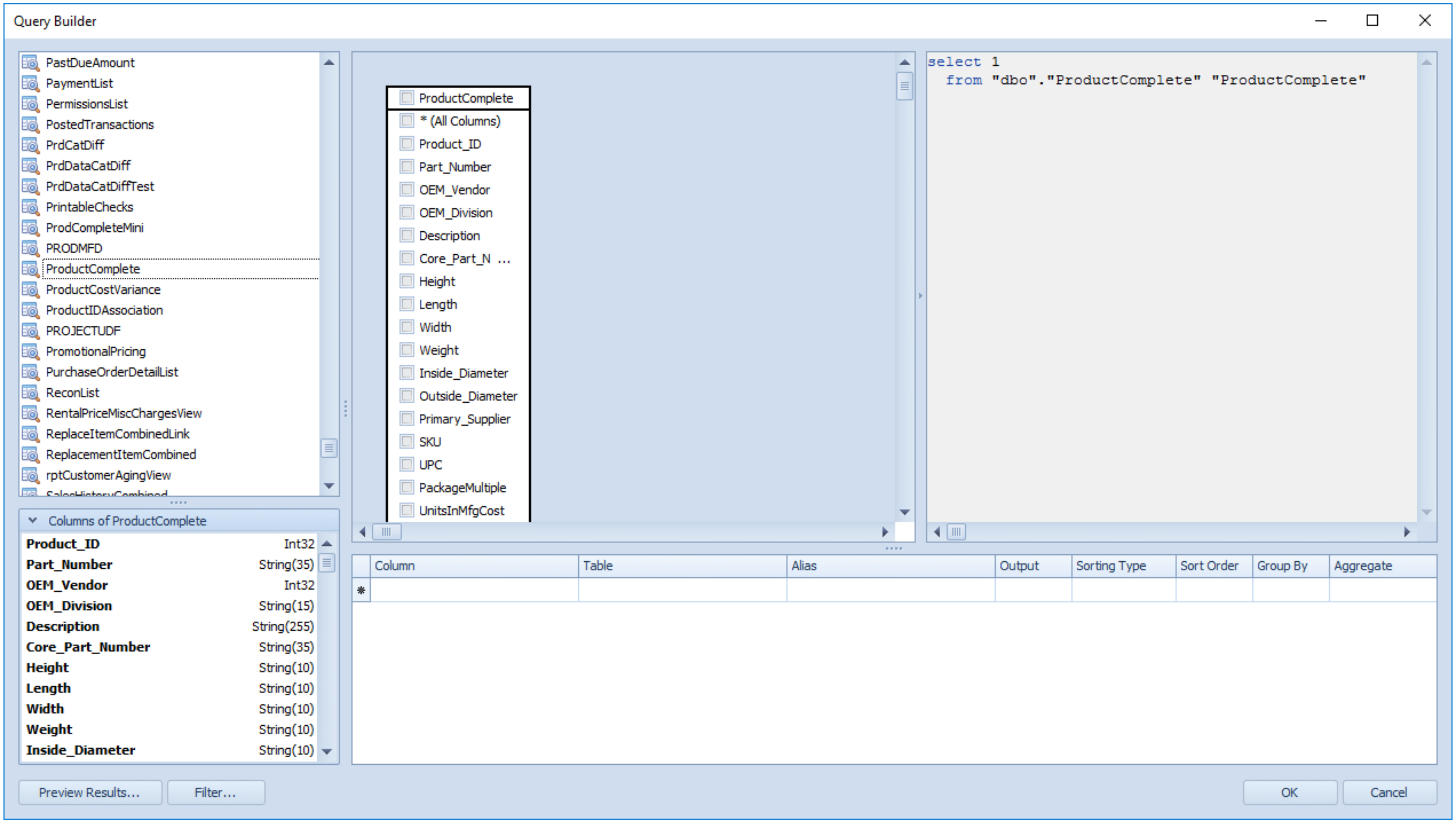
Query Builder

13. Click on an item in the list of available tables/views on the left to view the columns that are in that particular table. The list of columns will display in the bottom left hand window.

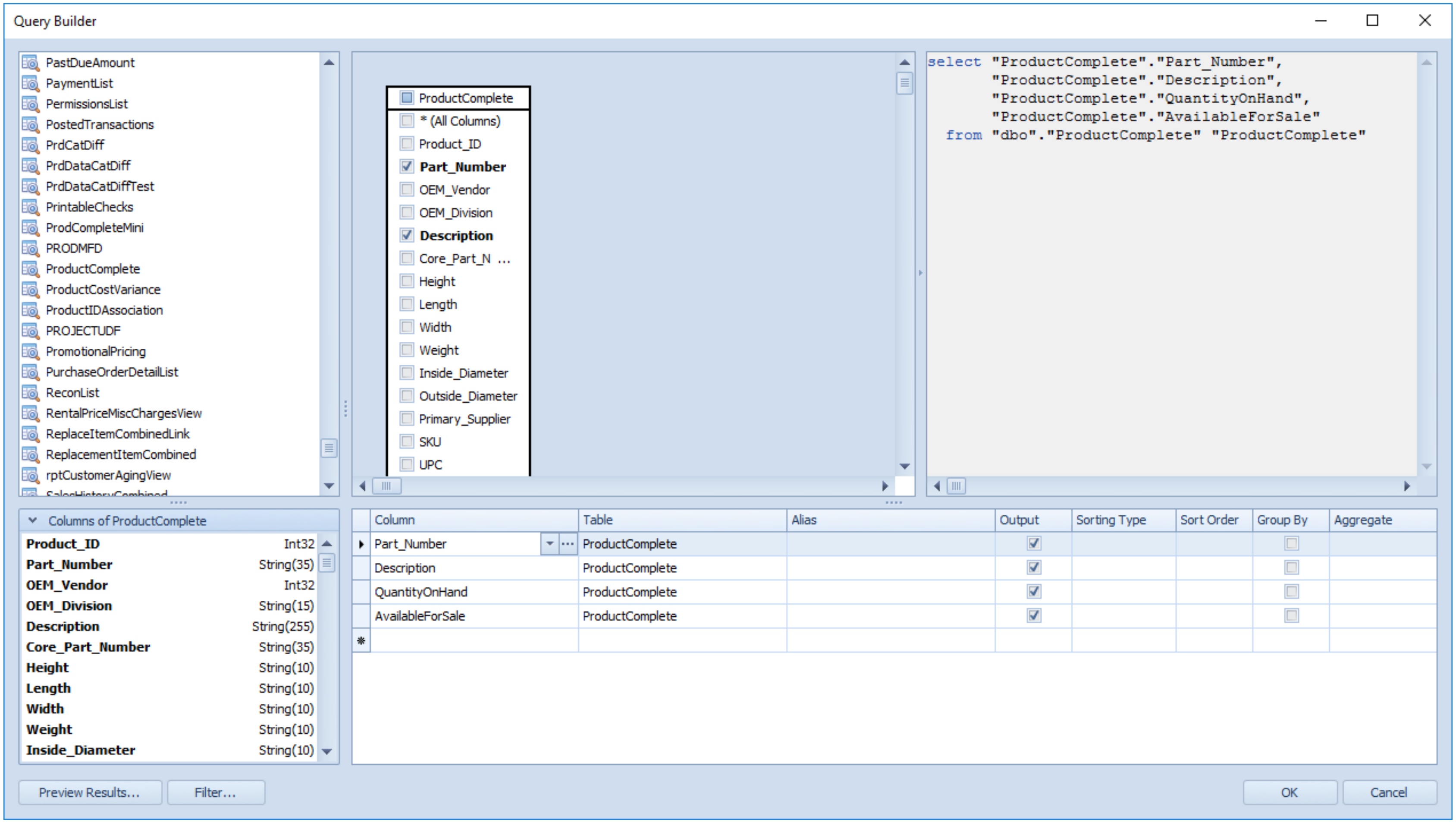


Query Builder

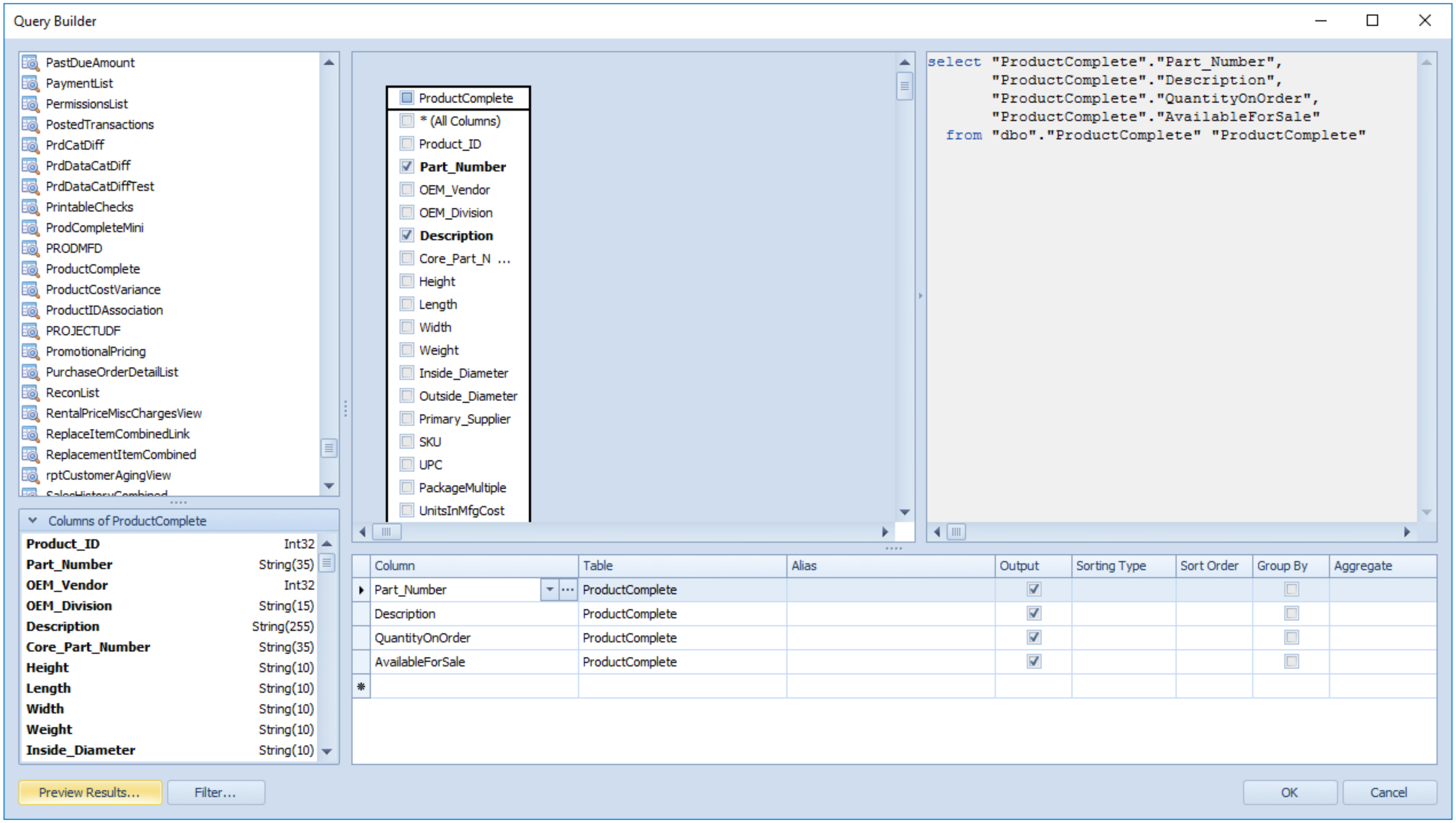
14. Double-click the table/view you wish to include into the query.



15. Check the box next to the item you want to include in your query. The list of columns you have chosen will display in the bottom window underneath the tables/views you have chosen.

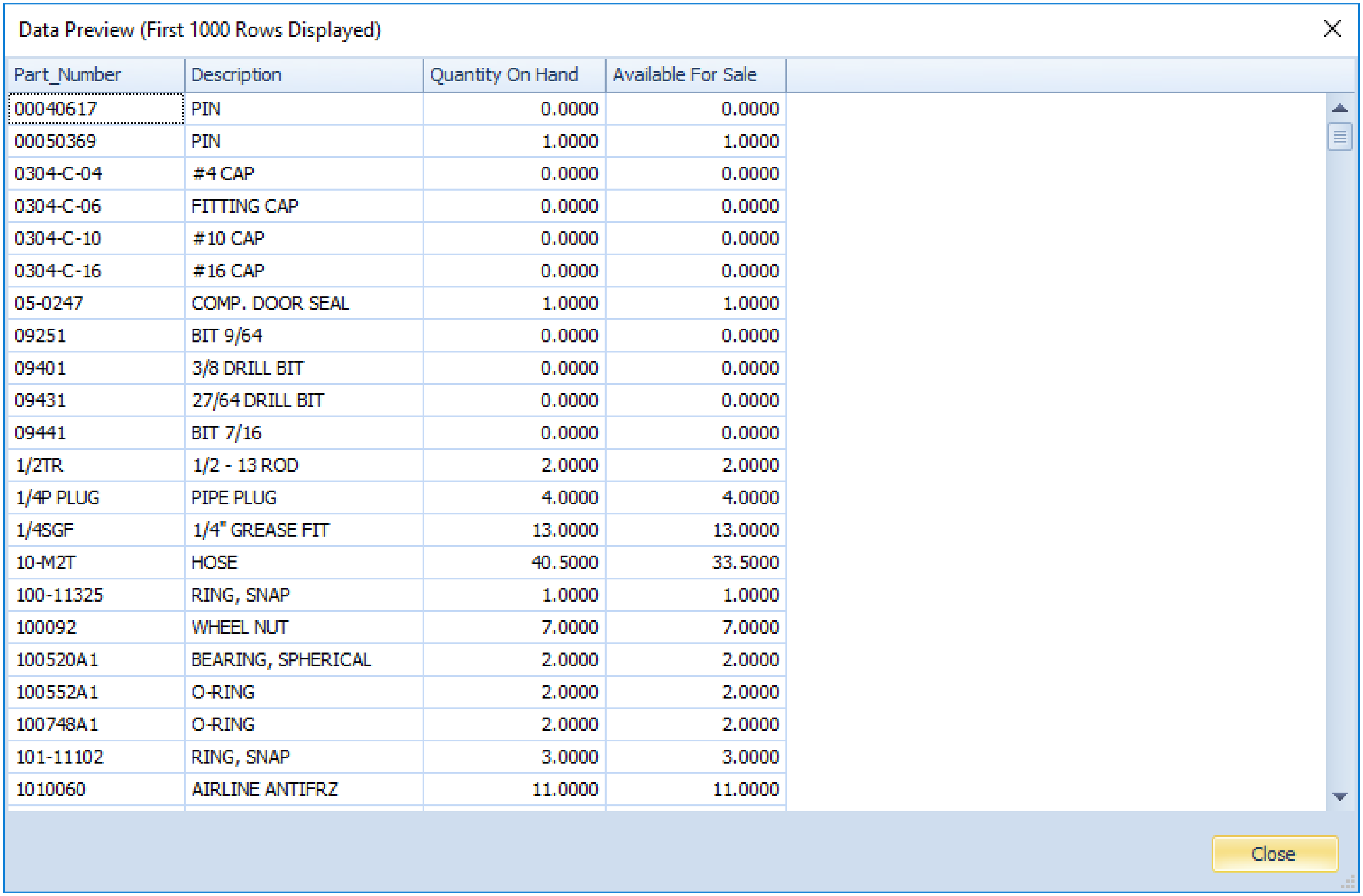


16. Click **Preview Results** to display the first 1000 rolls of your report.



Data Preview

17. After viewing your results, click **Close** to go back to the Query Builder window where you can edit the columns and, or add filters to your report.

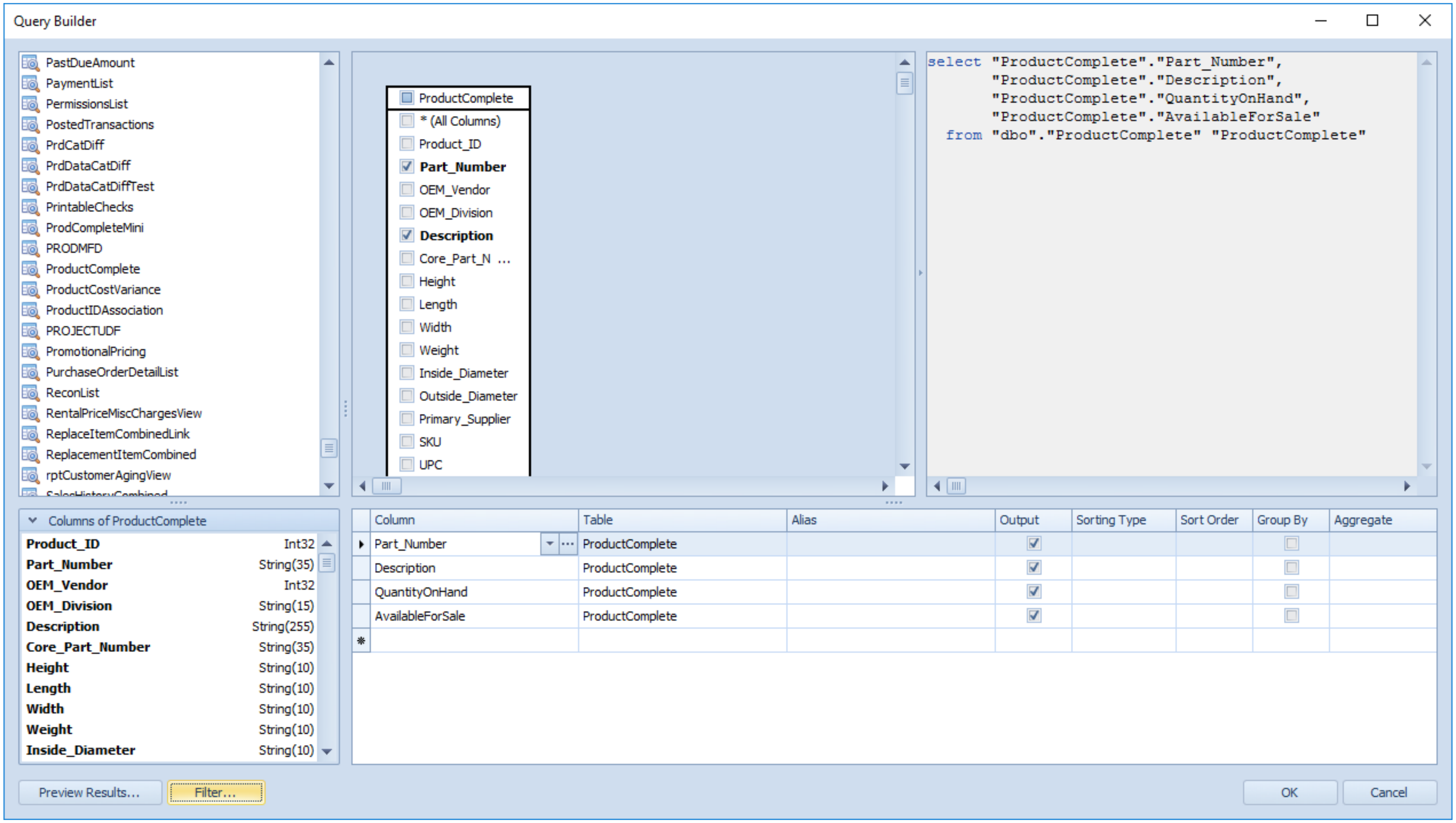

Data Preview (First 1000 Rows Displayed)

Part_Number	Description	Quantity On Hand	Available For Sale
00040617	PIN	0.0000	0.0000
00050369	PIN	1.0000	1.0000
0304-C-04	#4 CAP	0.0000	0.0000
0304-C-06	FITTING CAP	0.0000	0.0000
0304-C-10	#10 CAP	0.0000	0.0000
0304-C-16	#16 CAP	0.0000	0.0000
05-0247	COMP. DOOR SEAL	1.0000	1.0000
09251	BIT 9/64	0.0000	0.0000
09401	3/8 DRILL BIT	0.0000	0.0000
09431	27/64 DRILL BIT	0.0000	0.0000
09441	BIT 7/16	0.0000	0.0000
1/2TR	1/2 - 13 ROD	2.0000	2.0000
1/4P PLUG	PIPE PLUG	4.0000	4.0000
1/4SGF	1/4" GREASE FIT	13.0000	13.0000
10-M2T	HOSE	40.5000	33.5000
100-11325	RING, SNAP	1.0000	1.0000
100092	WHEEL NUT	7.0000	7.0000
100520A1	BEARING, SPHERICAL	2.0000	2.0000
100552A1	O-RING	2.0000	2.0000
100748A1	O-RING	2.0000	2.0000
101-11102	RING, SNAP	3.0000	3.0000
1010060	AIRLINE ANTIFRZ	11.0000	11.0000

Close

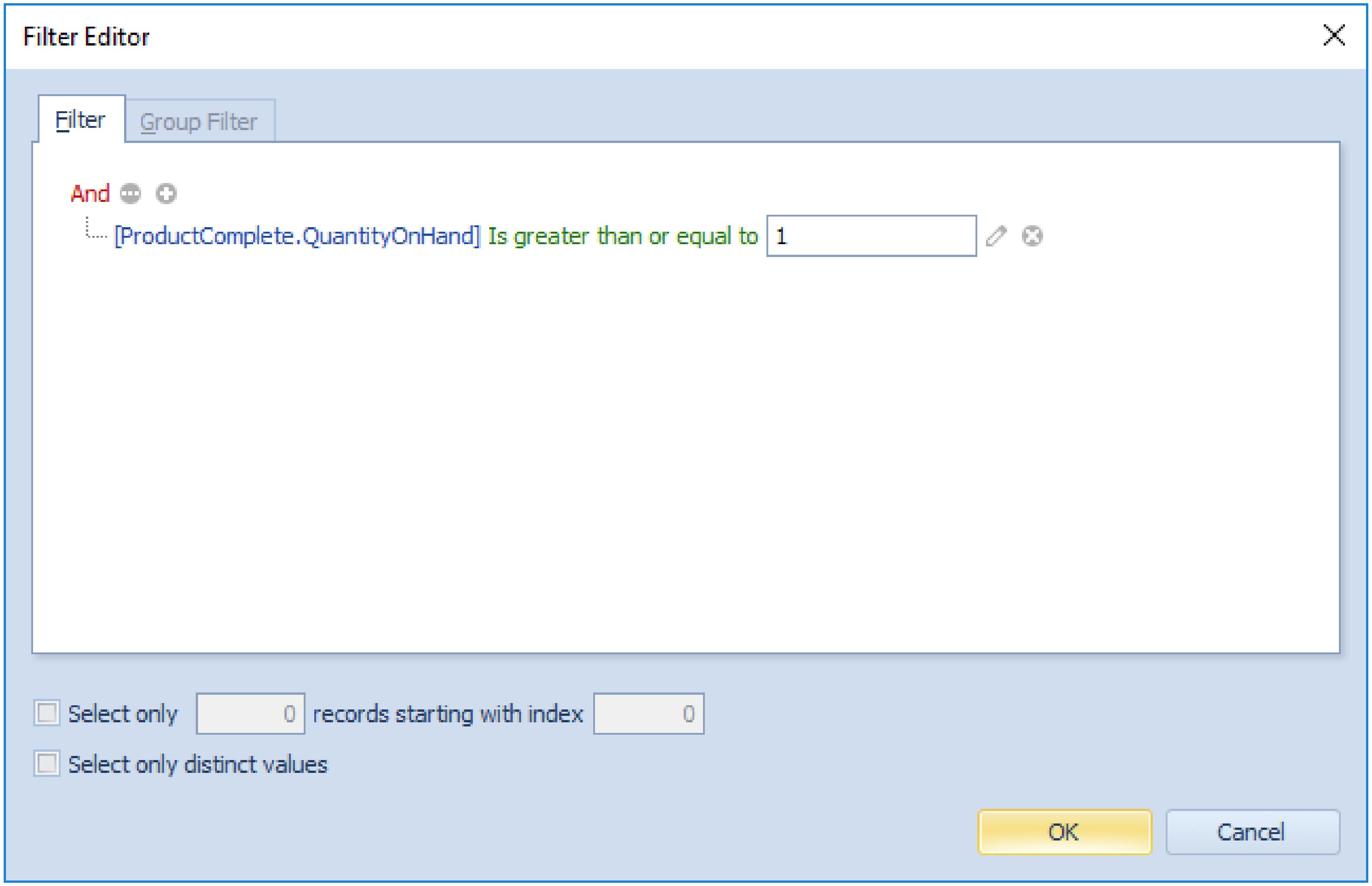
Query Builder

18. Click **Filter** to invoke the Filter Editor window.

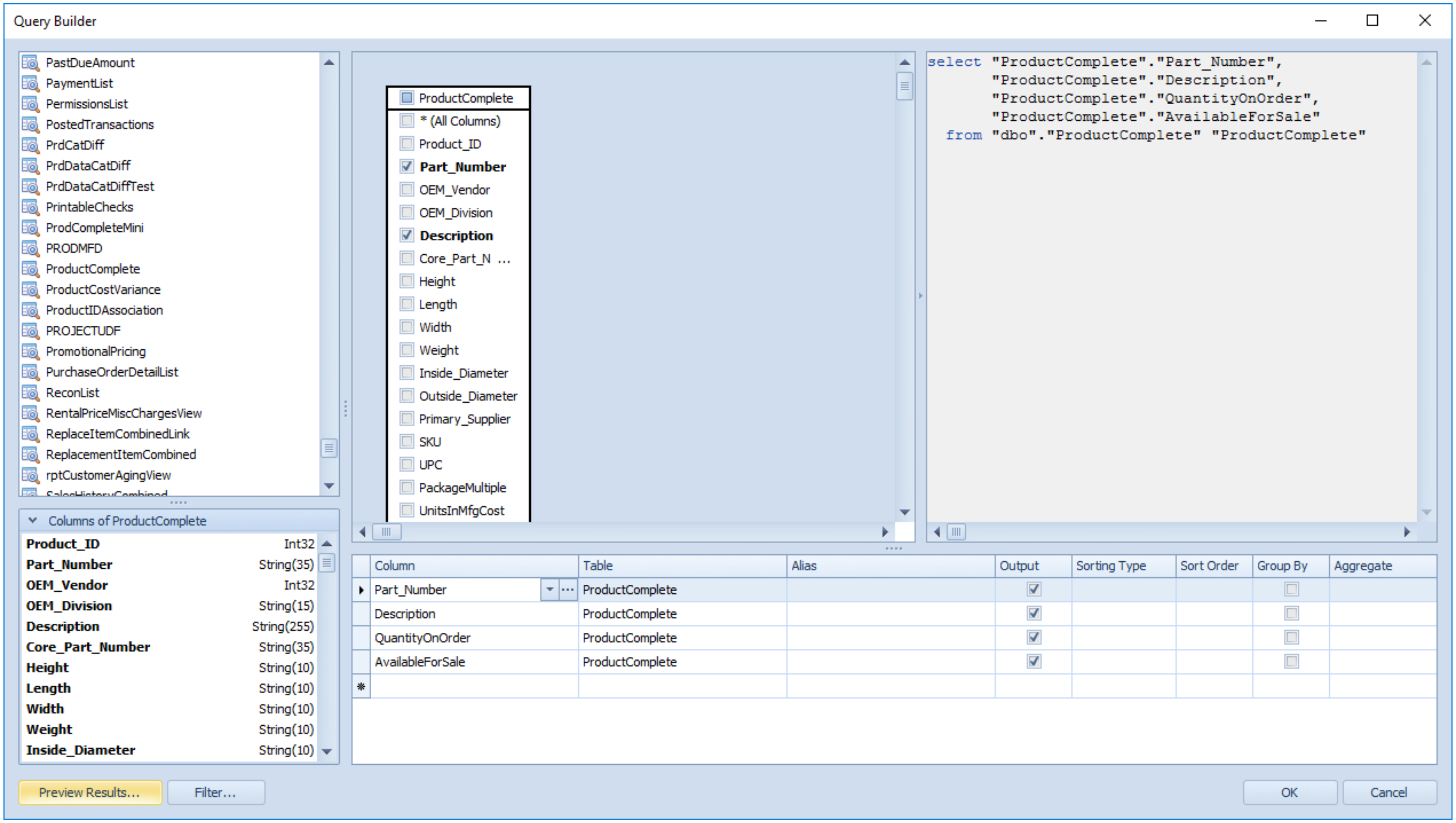


Filter Editor

19. The Filter Editor allows you to build complex filter criteria with an unlimited number of filter conditions. I have added a filter to only show parts that have a quantity of at least one on hand. Click **OK** to go back to the Query Builder window.



20. Click **Preview Results** to display the first 1000 rolls of your report with the filter in place.



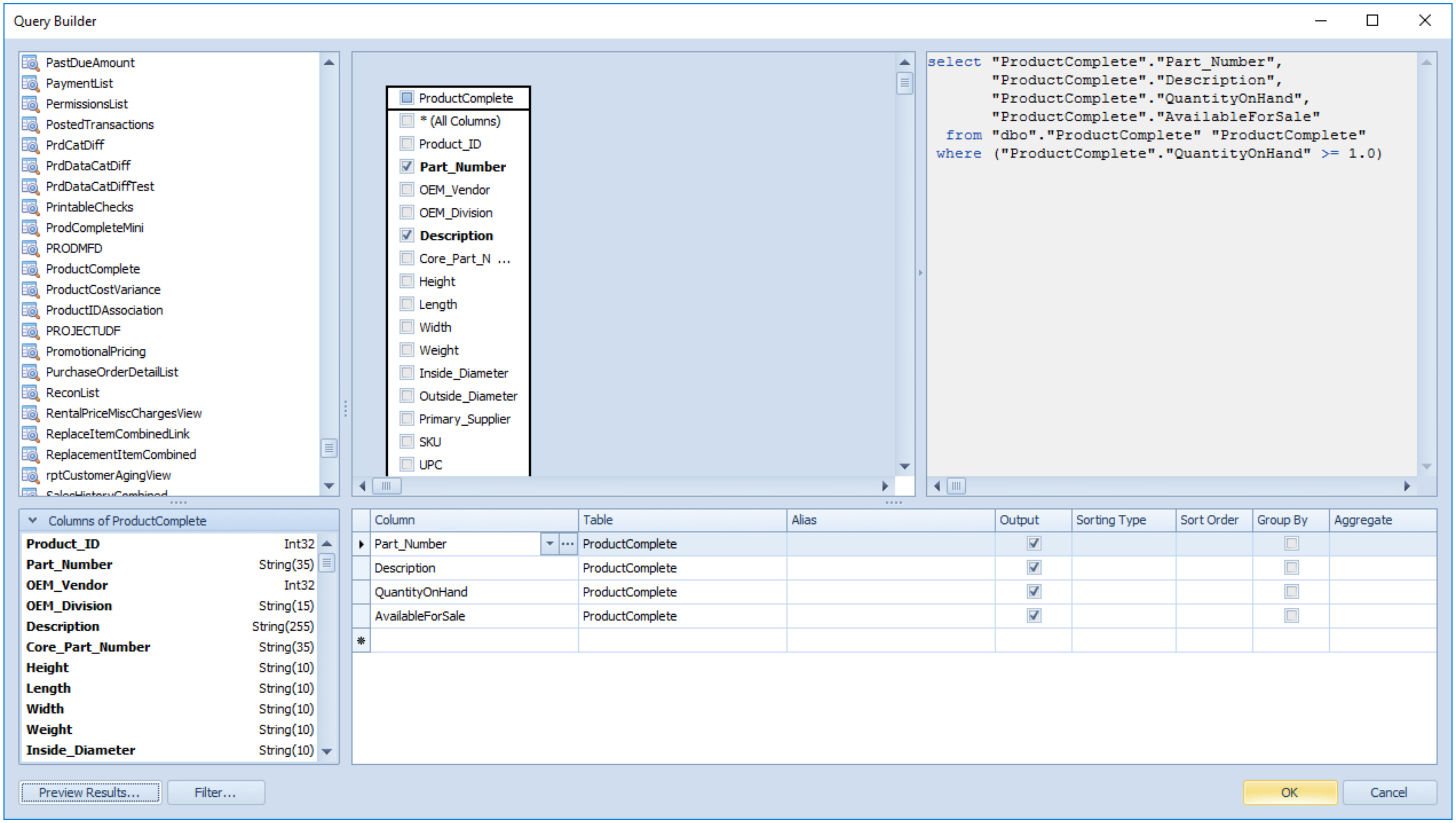
21. Only items that have a quantity of 1 or greater are displayed. After viewing your results click **Close** to go back to the Query Builder window.

Data Preview (First 1000 Rows Displayed)

Part_Number	Description	Quantity On Hand	Available For Sale
SOS KIT	SOS-OIL SAMPLE	8.0000	8.0000
103165-05	10WT HYD. FLUID	2.0000	2.0000
230-6283	PIN LOCKING	1.0000	1.0000
230-6284	LOCATING PIN	1.0000	1.0000
30007597	CONDENSOR	1.0000	1.0000
6I-2504	ELEMENT	1.0000	1.0000
7W-2327	FILTER A	1.0000	0.0000
036-6775	BELT	1.0000	0.0000
0R-8682	INJECTOR	2.0000	0.0000
119-2940	GASKET, VALVE COVER	1.0000	0.0000
125-8274	O-RING SEAL	1.0000	0.0000
140-8718	WASHER	6.0000	0.0000
1R-0719	FILTER	1.0000	0.0000
1R-0750	FILTER	2.0000	0.0000
1S-6595	GASKET	1.0000	0.0000
238-8648	COOLANT	2.0000	0.0000
245-7339	SEAL	1.0000	0.0000
288-0422	SEAL	1.0000	0.0000
2A-3541	GASKET	1.0000	0.0000
2H-3932	SEAL	1.0000	0.0000
2N-2766	LOCK NUT	16.0000	0.0000
349-7059	FUEL CAP	1.0000	0.0000

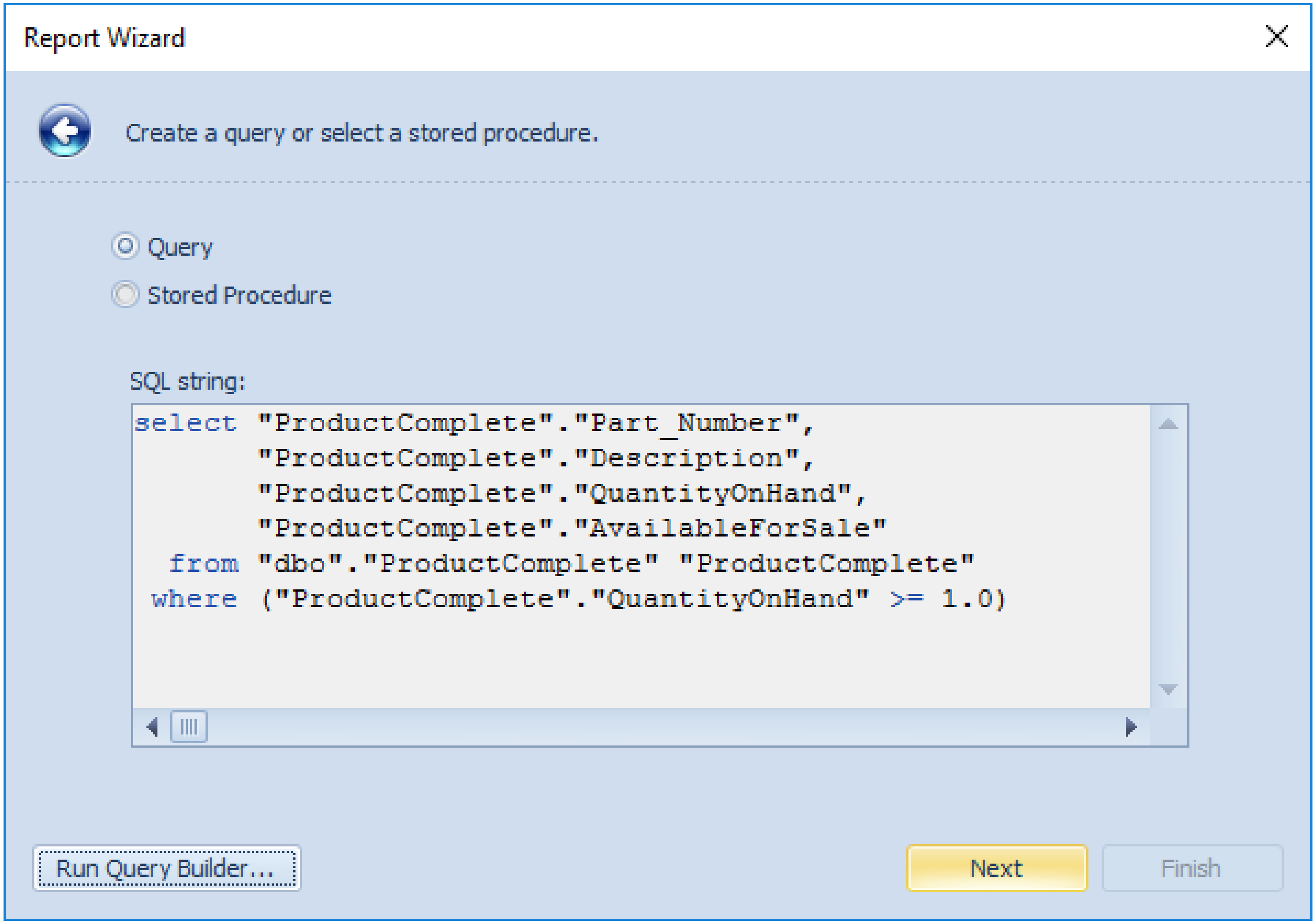
Close

22. Click **OK** to close the Query Builder and return to the Report Wizard window.



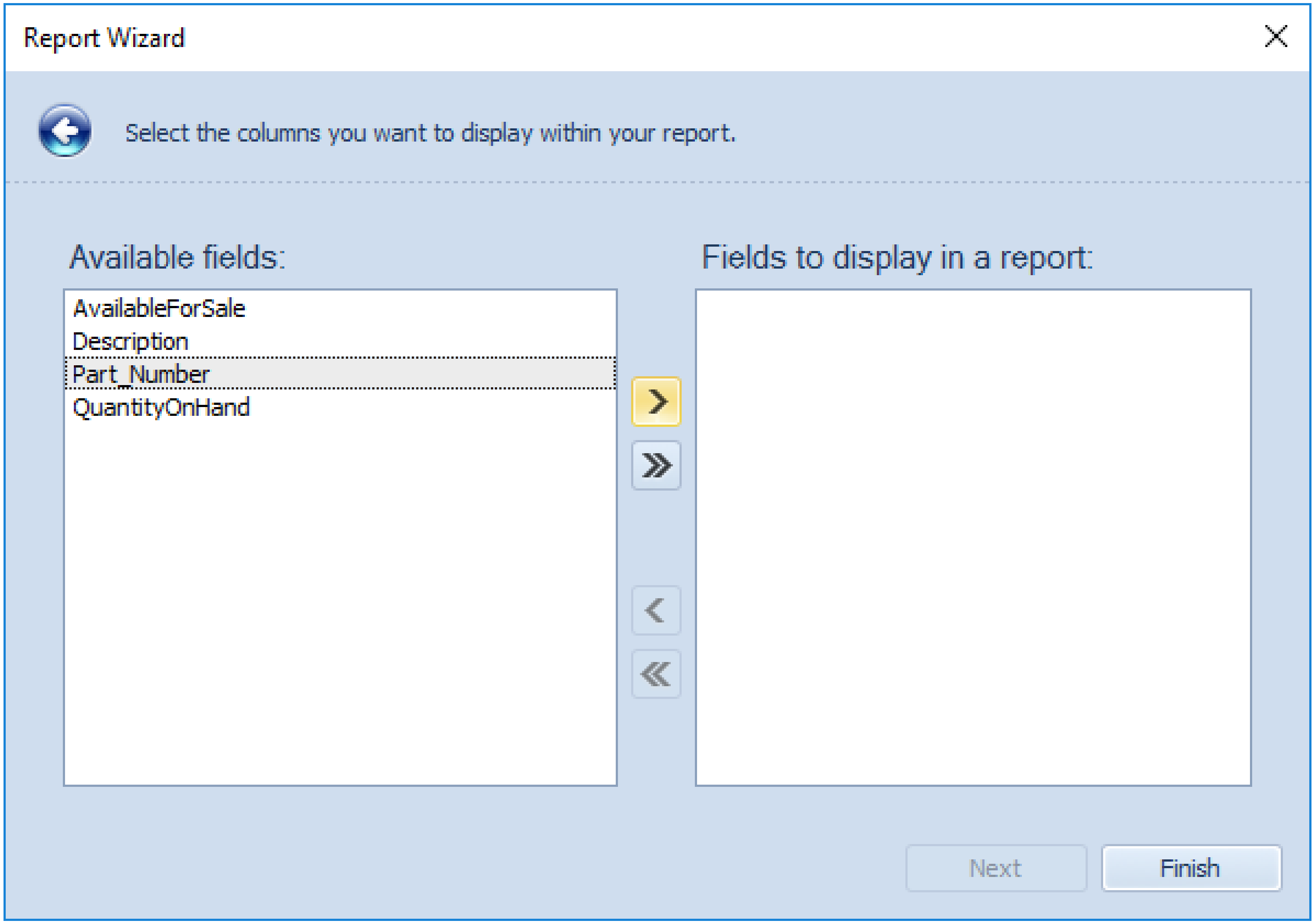
Create a query or select a stored procedure.

23. After you have built your query it will be displayed in the SQL string pane. Click **Next**.



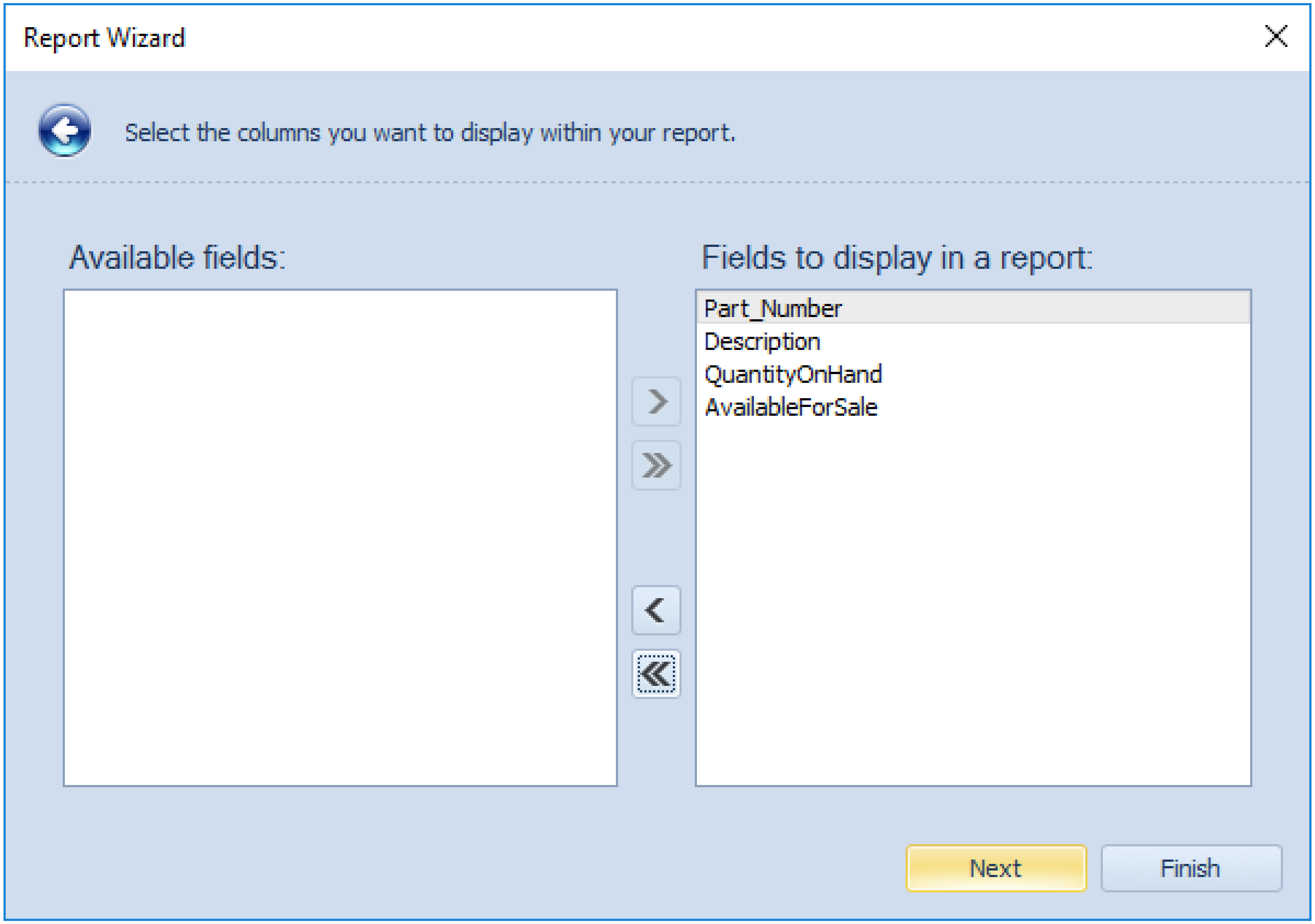
Select the columns you want to display within your report.

24. Highlight an item and use the arrow to add the field to the "Fields to display in a report" pain. (Click on the double arrows to add all available fields at once.)



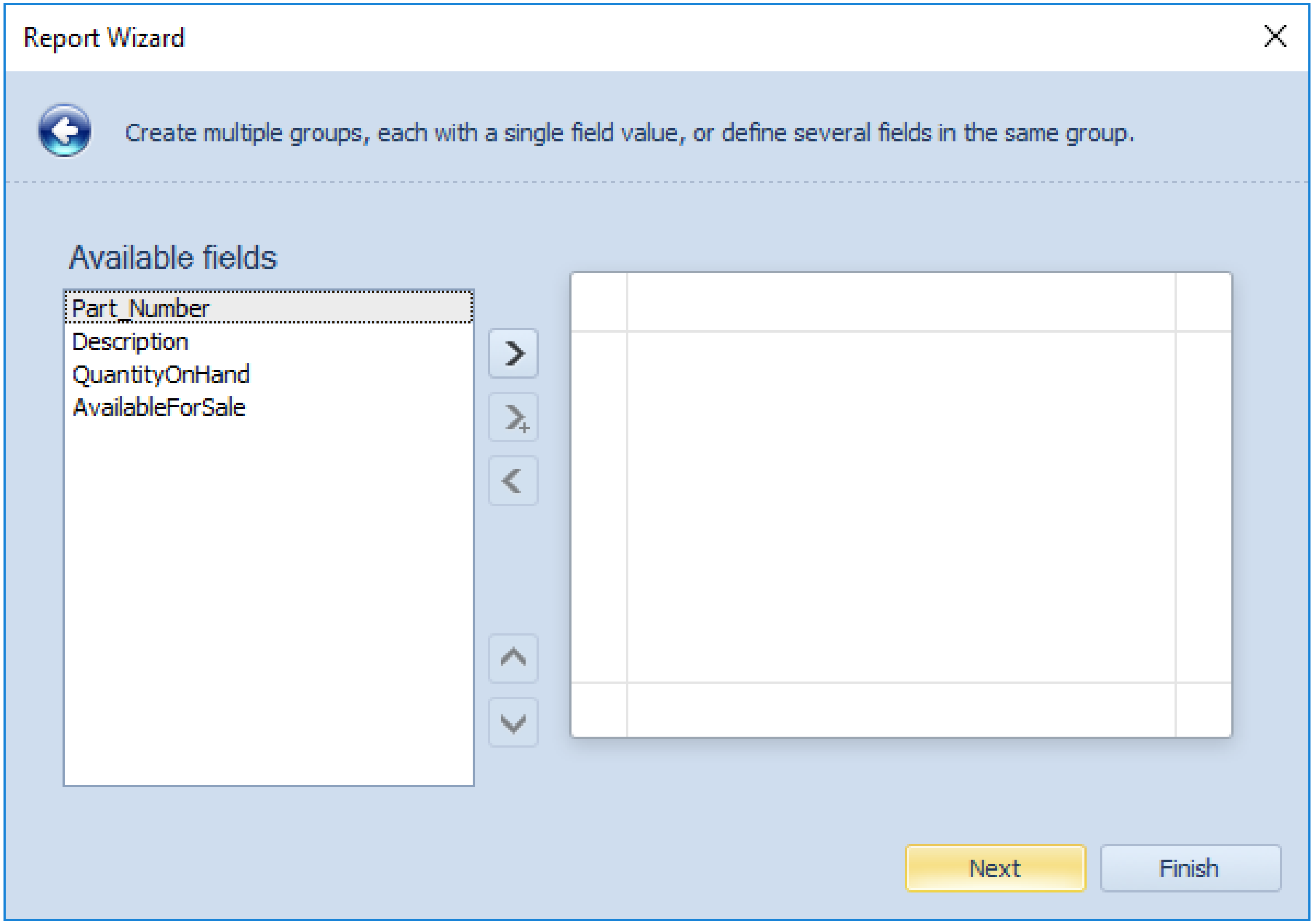
Select the columns you want to display within your report.

25. Enter the Fields in the order you would like them to appear on the report. Repeat until you have all the fields you want in the report and click **Next**.



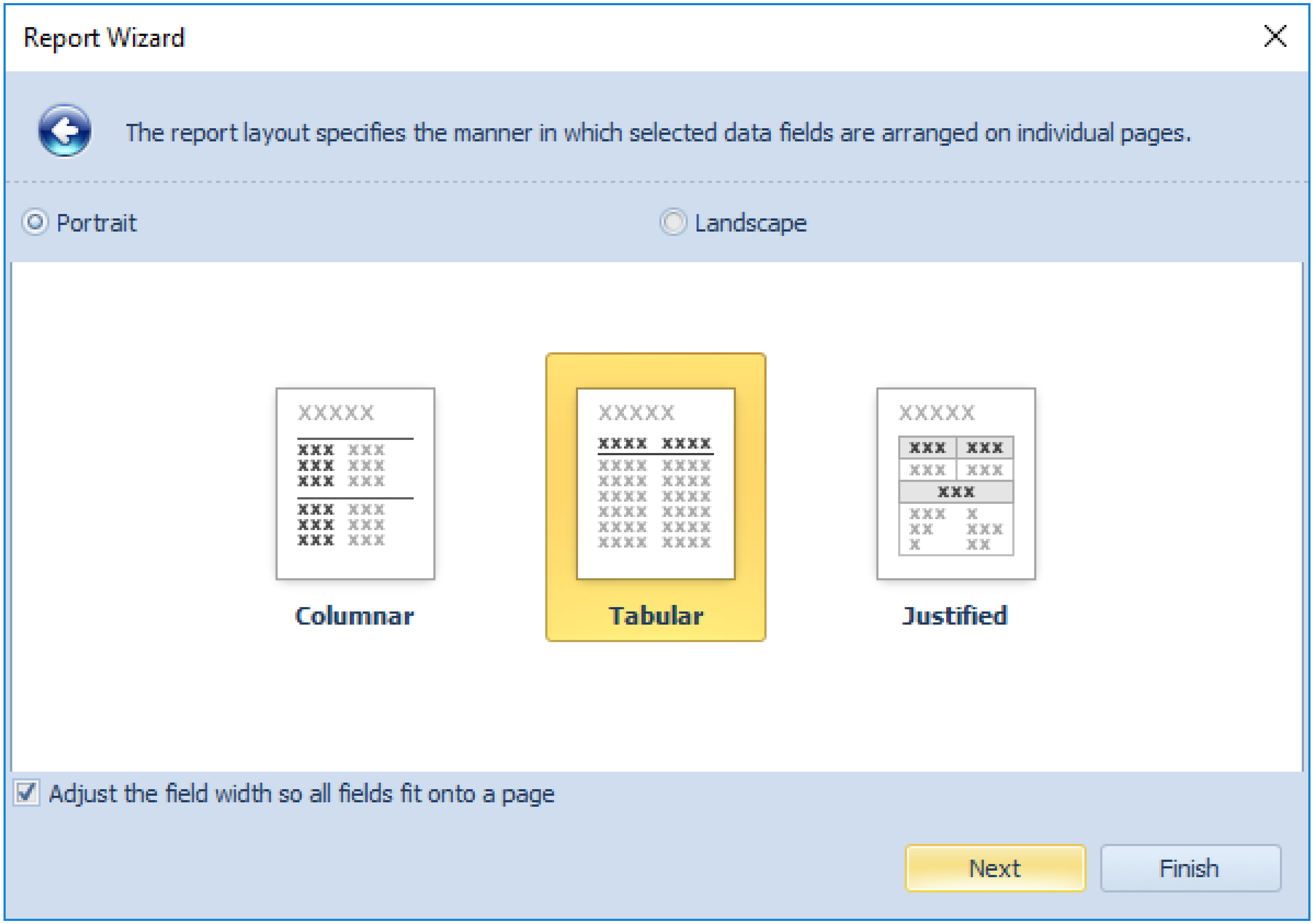
Create multiple groups, each with a single field value, or define several fields in the same group.

26. To create the groups, highlight an item and use the arrow to add the field to the pain on the right. Repeat until you have all the fields grouped the way you want them in the report and click **Next**.
(This is optional and you can skip it by clicking next.)



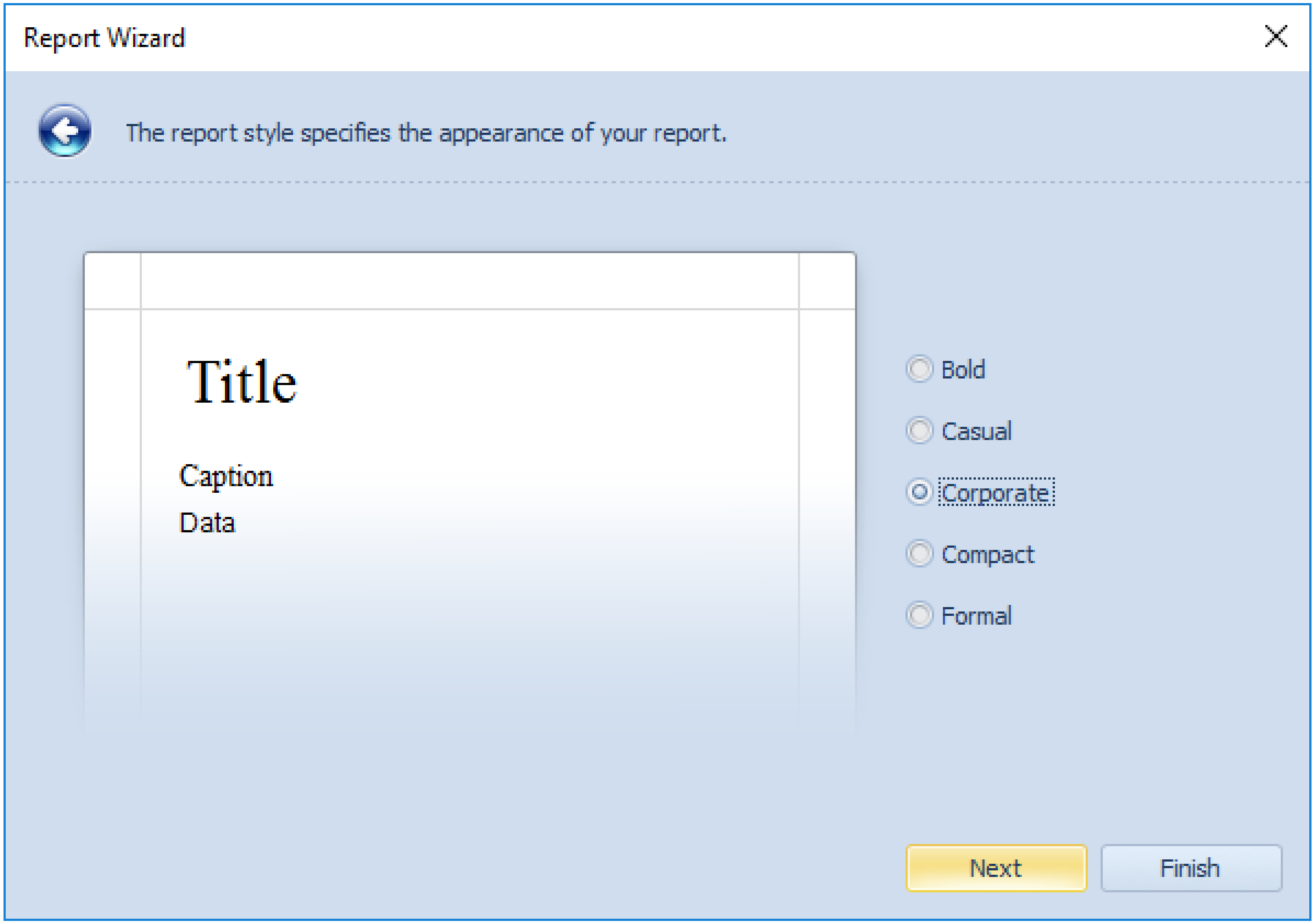
The report layout specifies the manner in which selected data fields are arranged on individual pages.

27. Select the page orientation (Portrait).
28. Select the page layout (Tabular).
29. Check “Adjust the field width so all fields fit onto a page” and click **Next**.



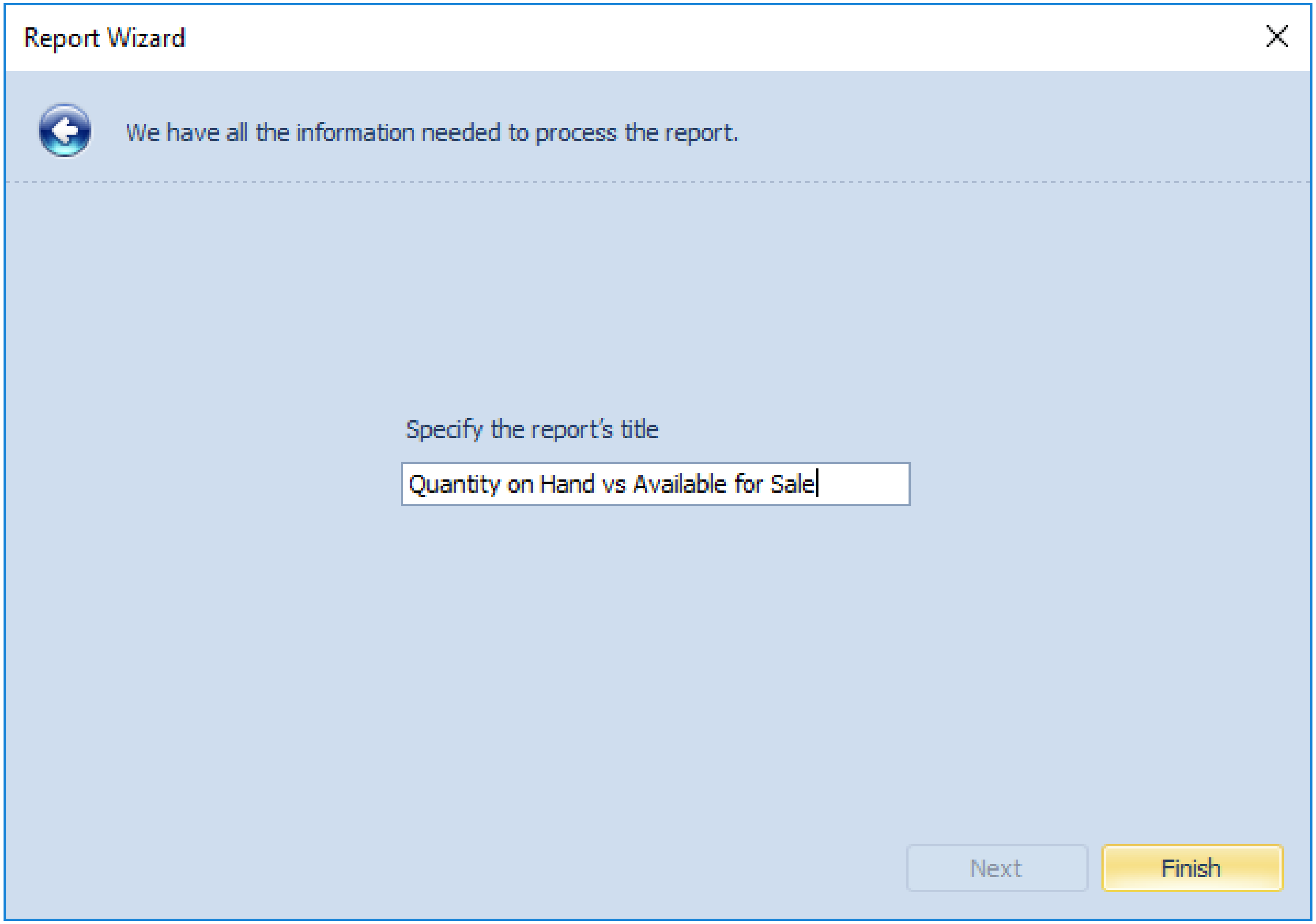
The report style specifies the appearance of you report.

30. Select the report style (Corporate) and click **Next**.



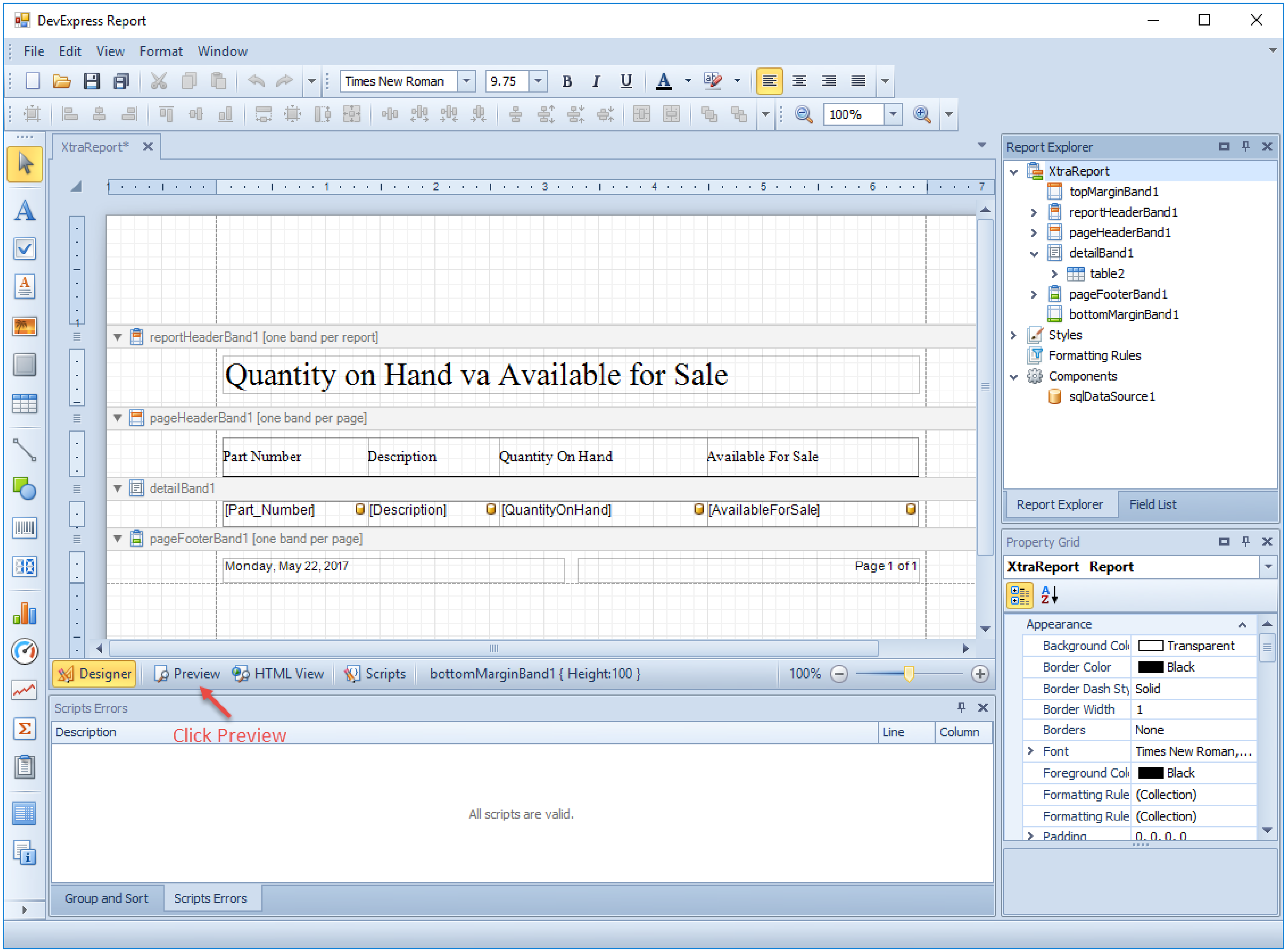
We have all the information needed to process the report

31. Specify the report's title (Quantity on Hand vs Available for Sale) and click **Finish**.



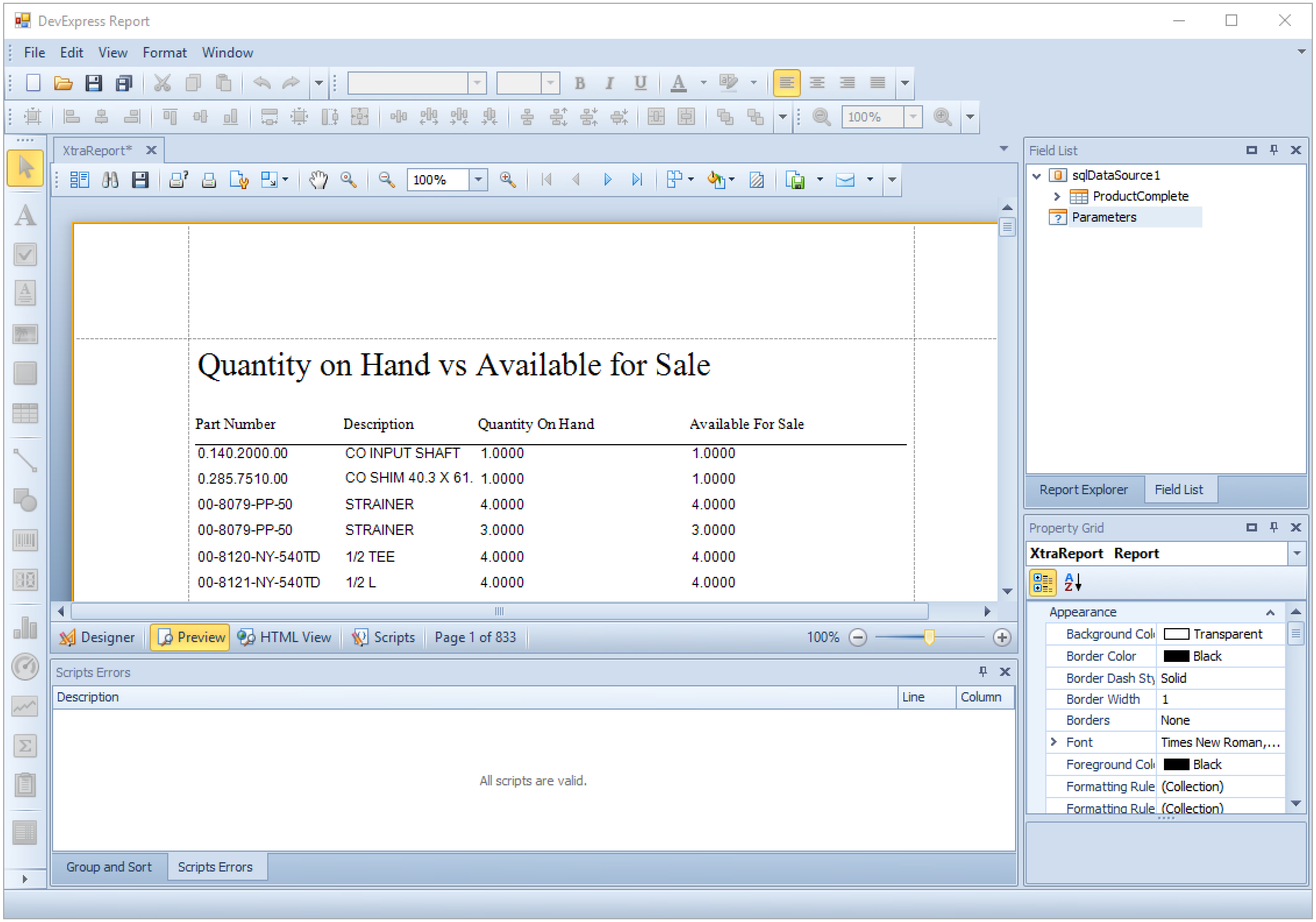
DevExpress Report…Designer View

32. When you are done editing your report click the **Preview** button on the bottom ribbon menu to preview the report.

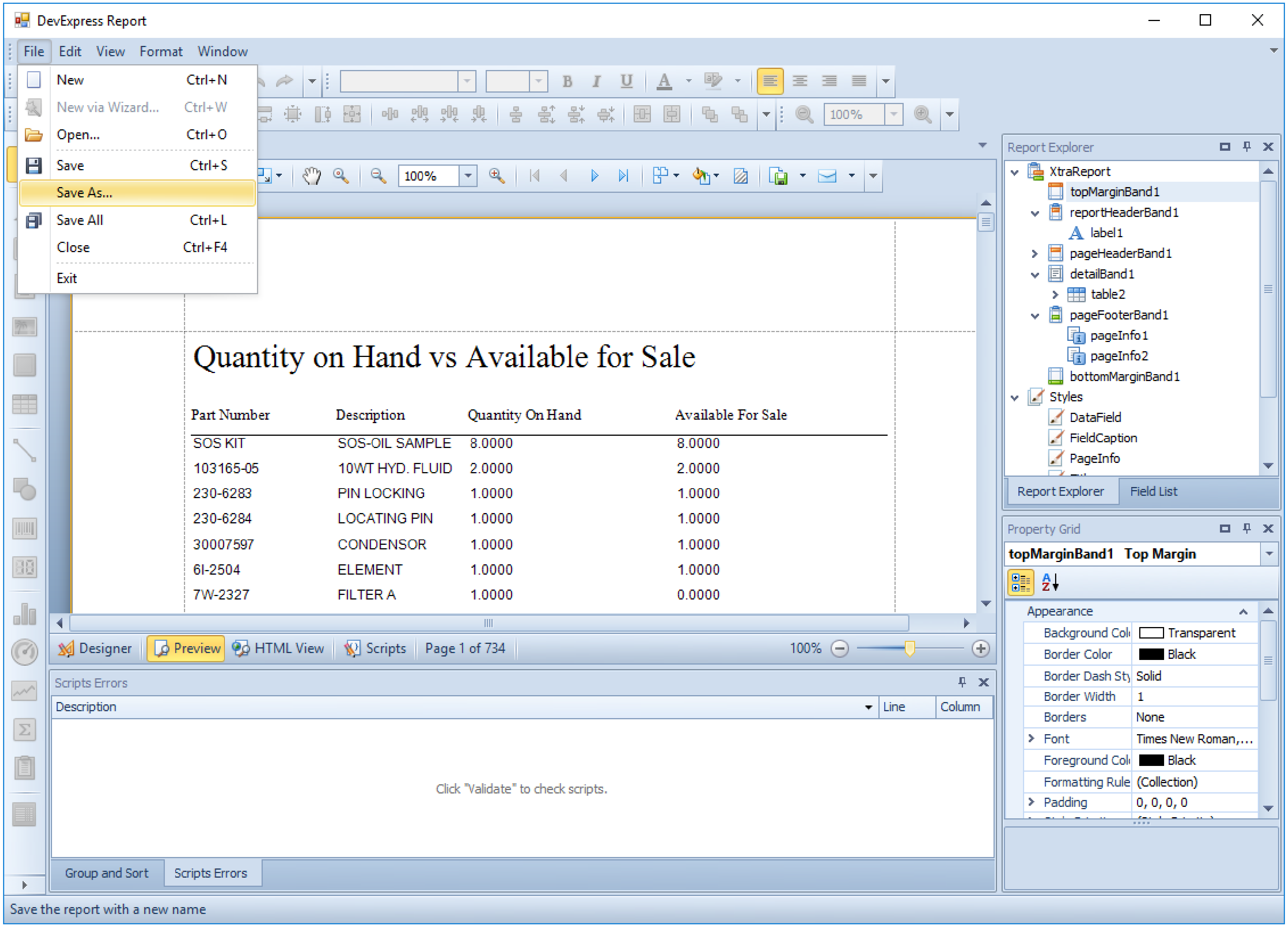


DevExpress Report…Preview

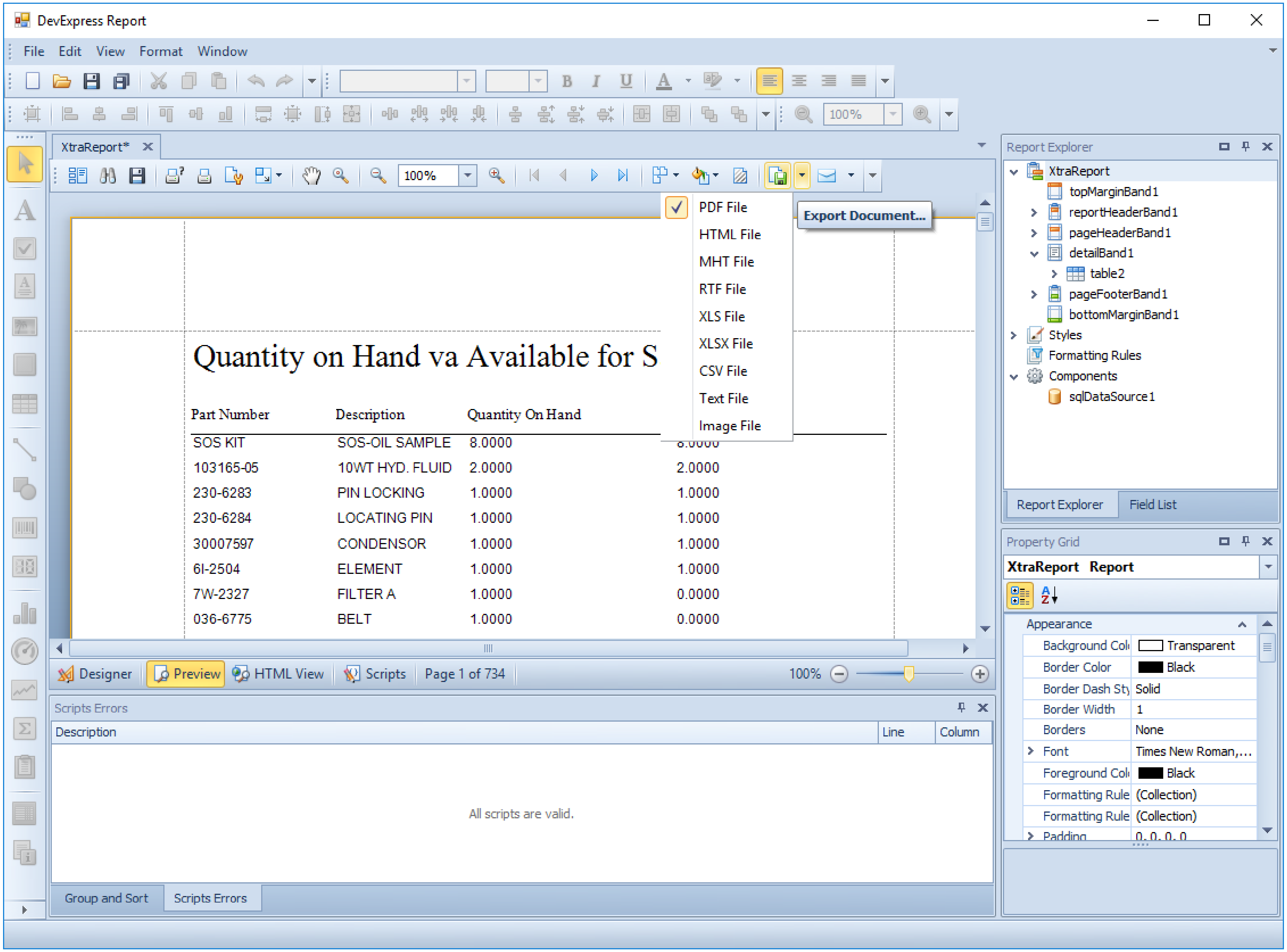
33. The report is now ready to Save, Export, E-mail, and, or, Print.



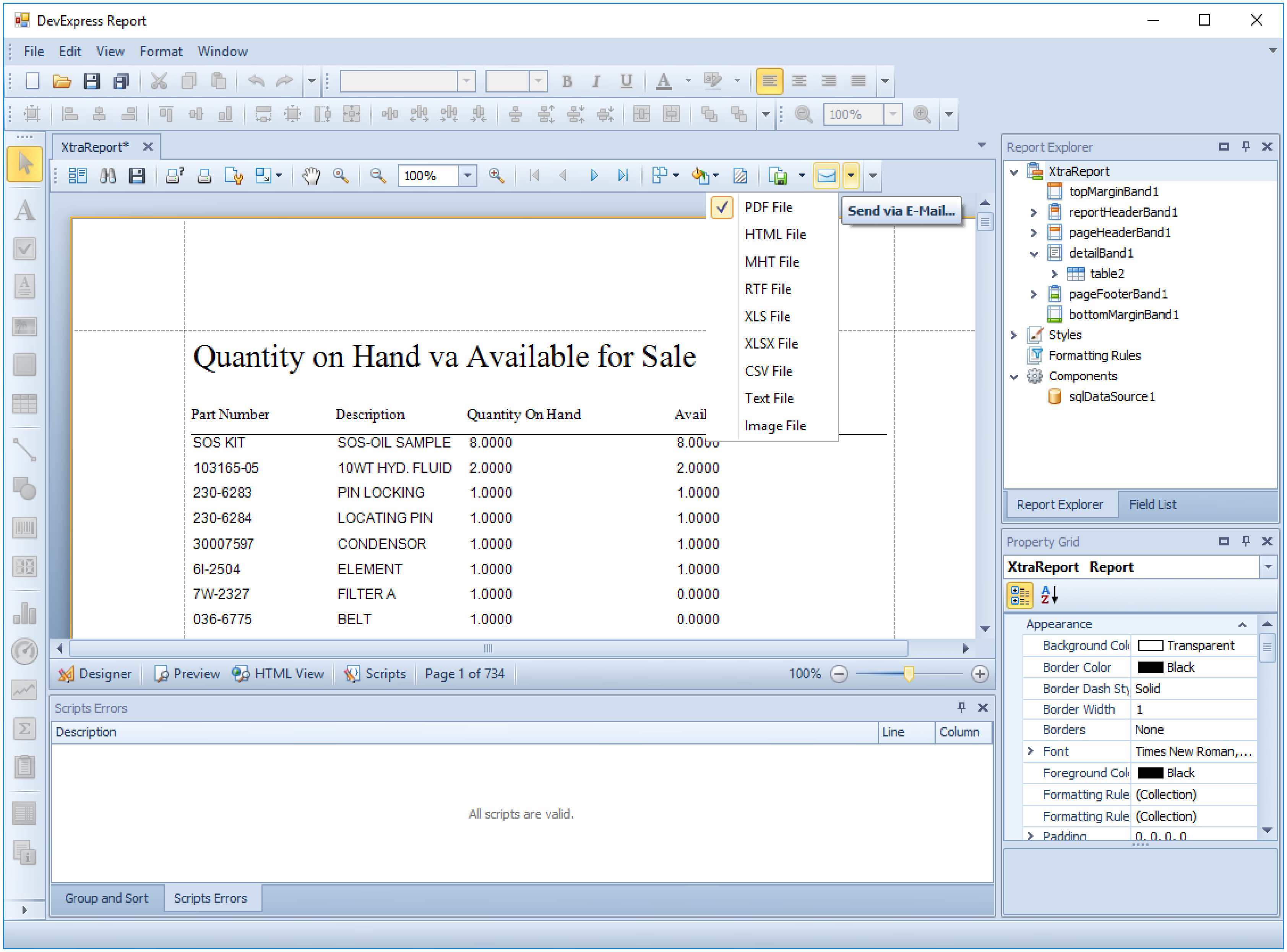
34. Click File, **Save As…** to save your report.



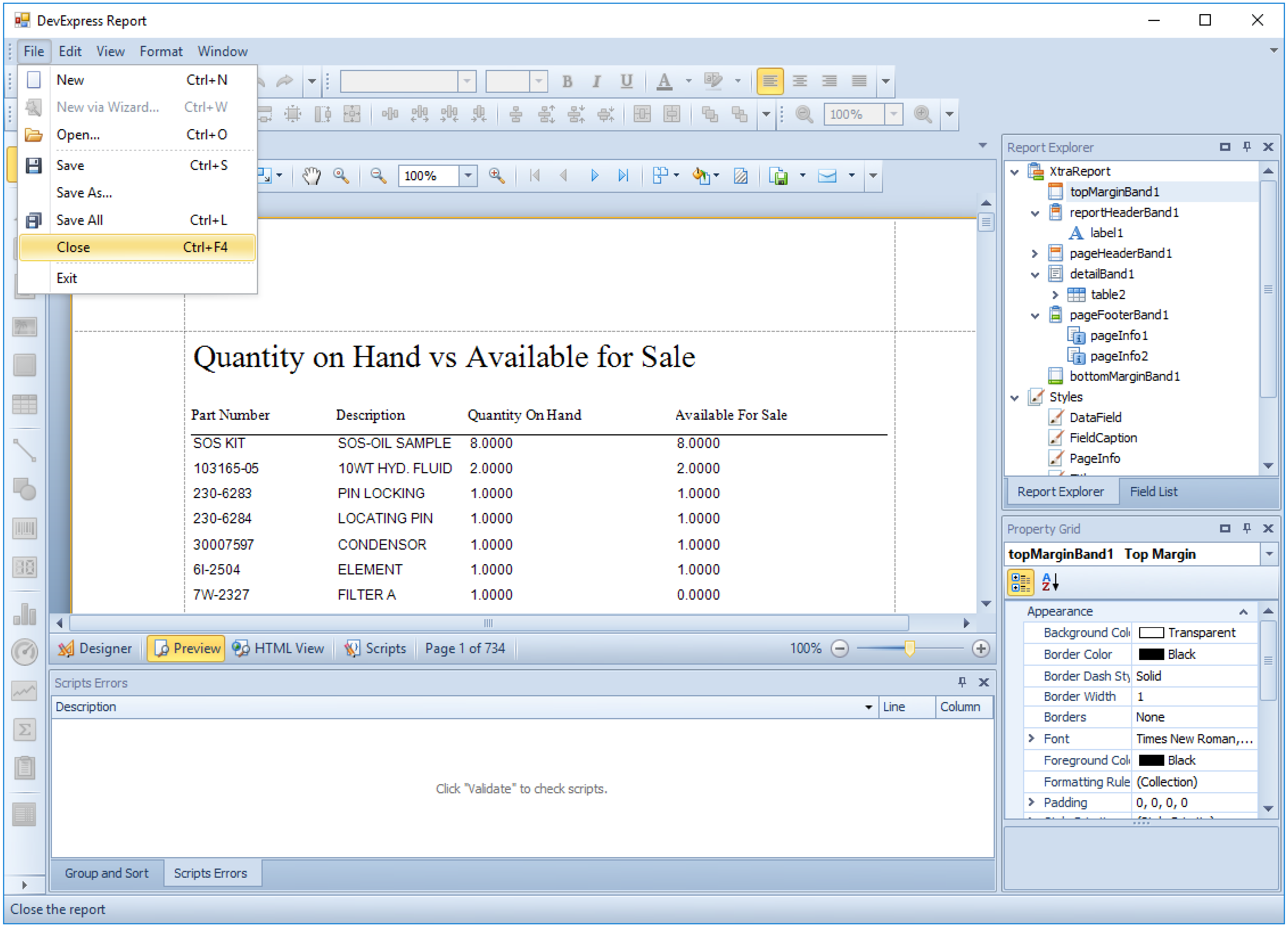
35. To export your report click on the **Export Document** button, choose the format option…



36. To e-mail your report click on the **Send via E-mail** button, choose the format option…

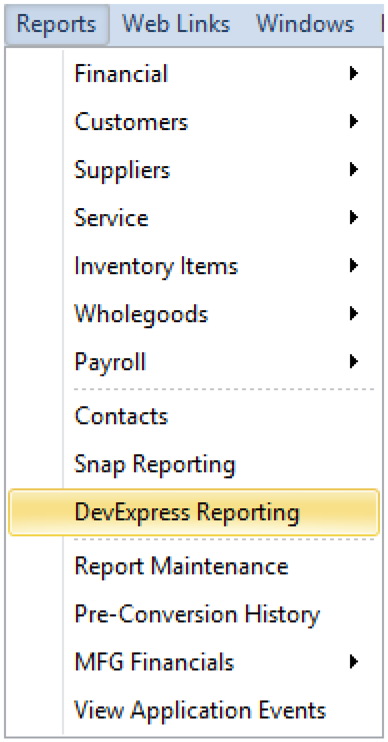


37. Click File, Close to close out of **DevExpress Report**.



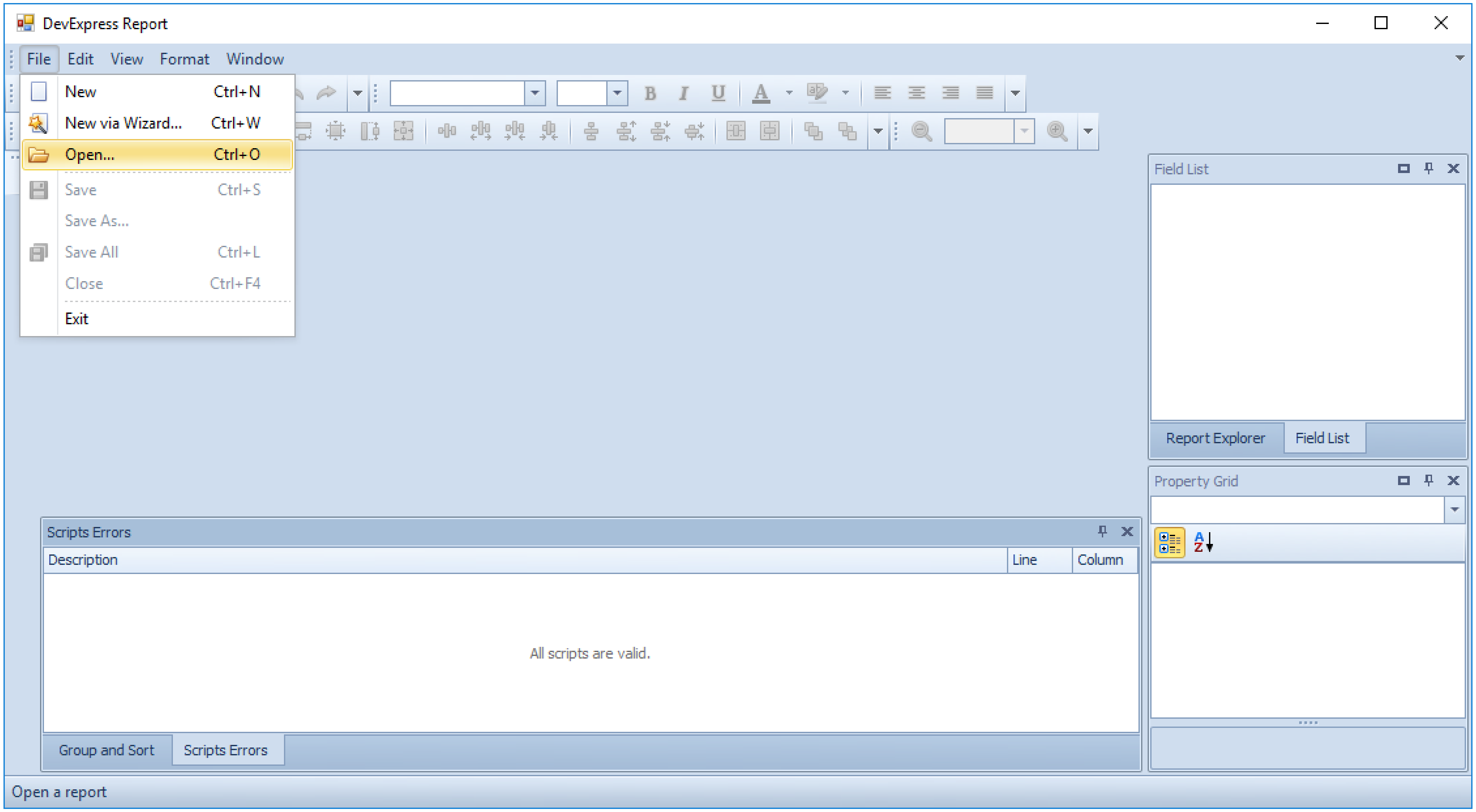
DevExpress Report… Access and Edit a saved Report

To access a saved **DevExpress Report** go to: Reports > **DevExpress Reporting**.

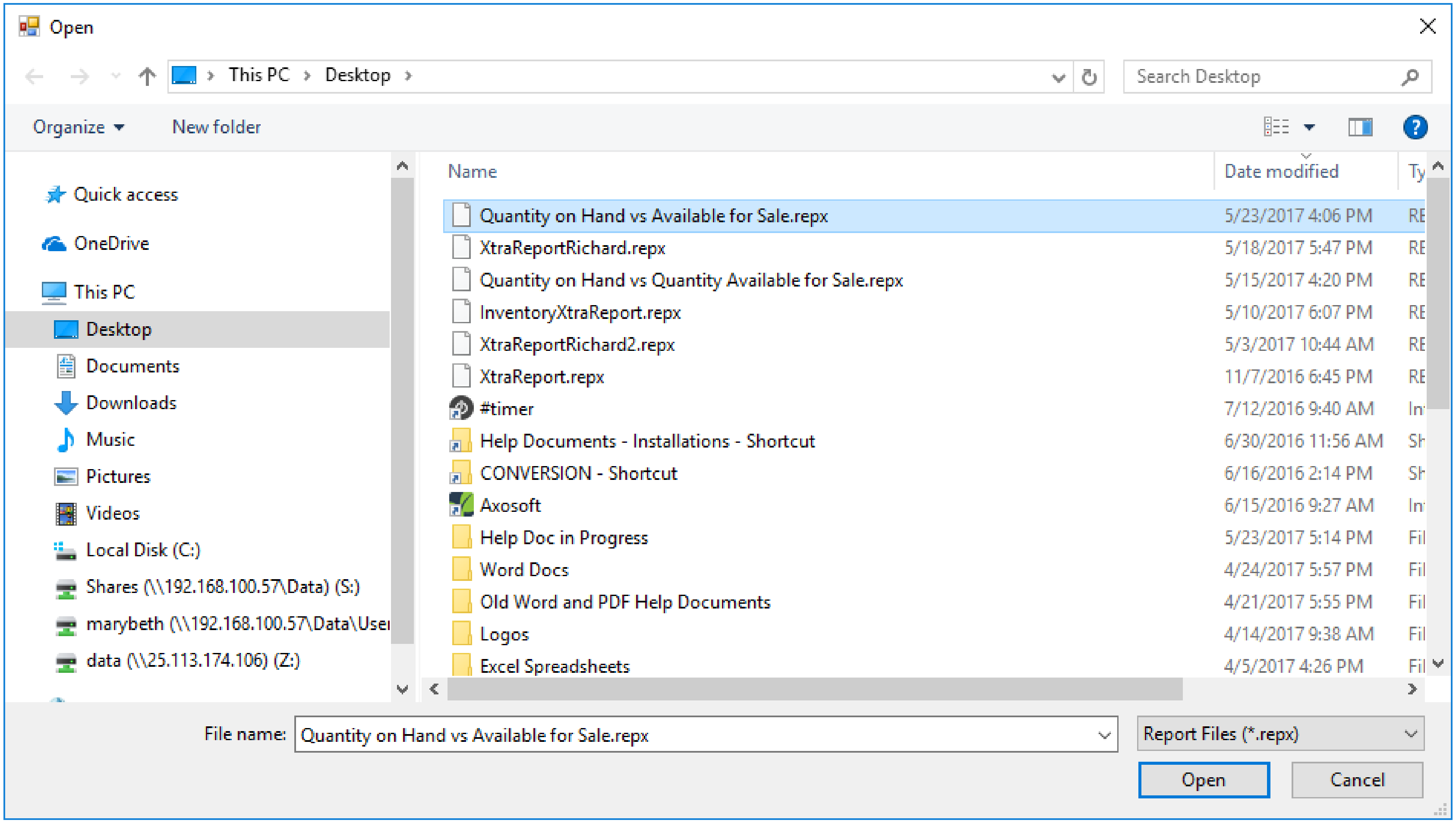


To Access and Edit a saved DevExpress report that is connected to data, do the following.

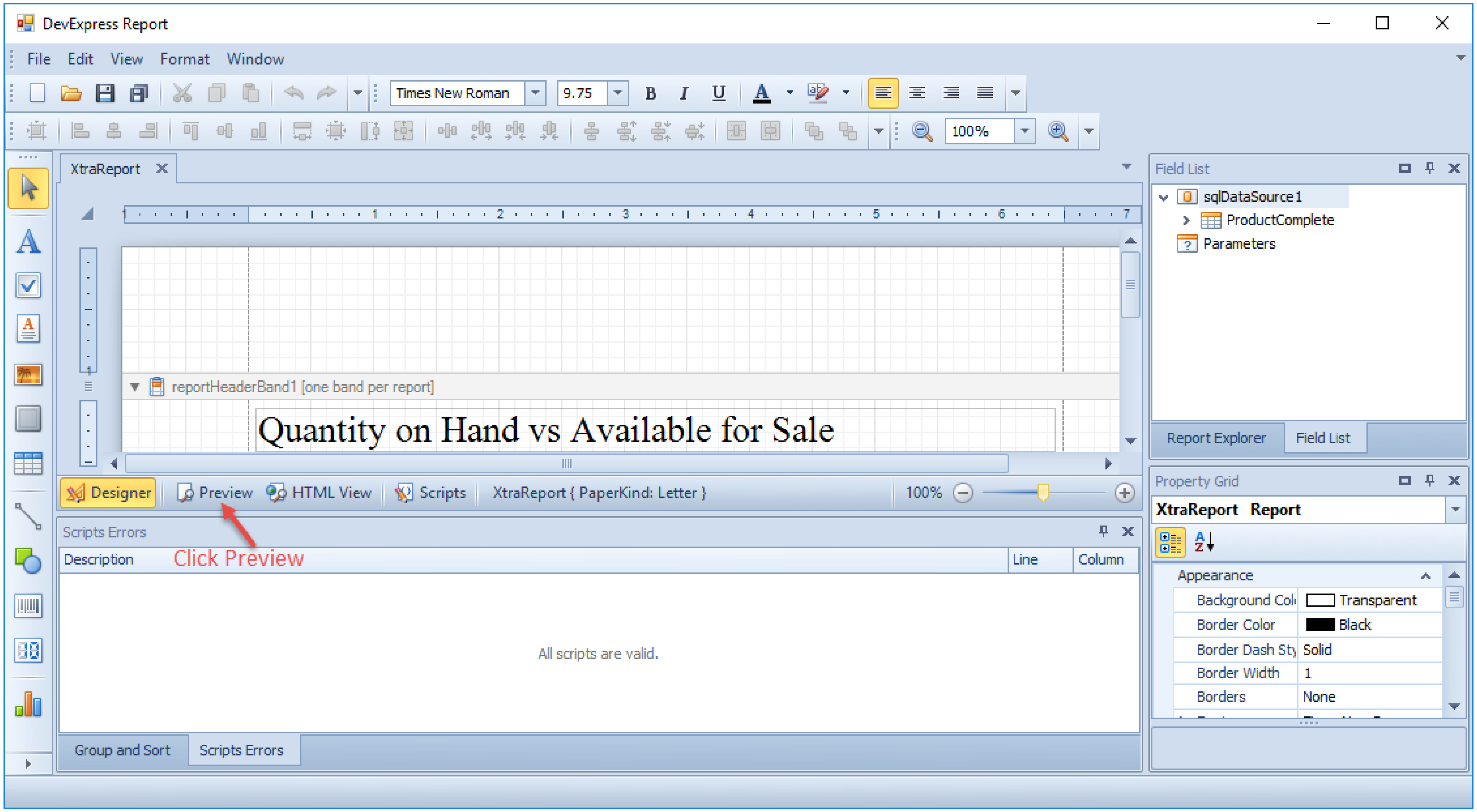
1. Click File, Open… to invoke the File Explorer **Open** window.



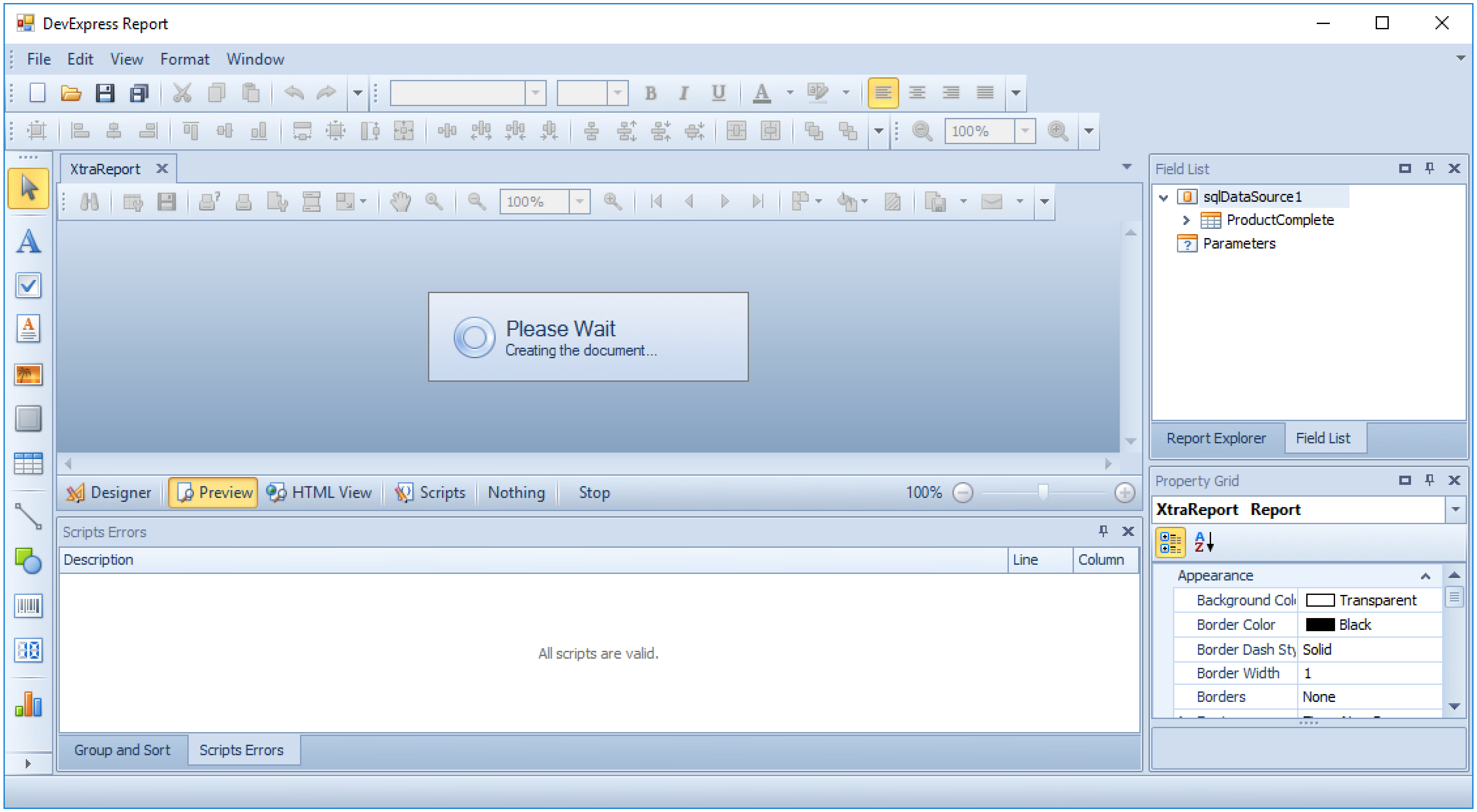
2. In File Explorer **Open** window select your report and click **Open**.



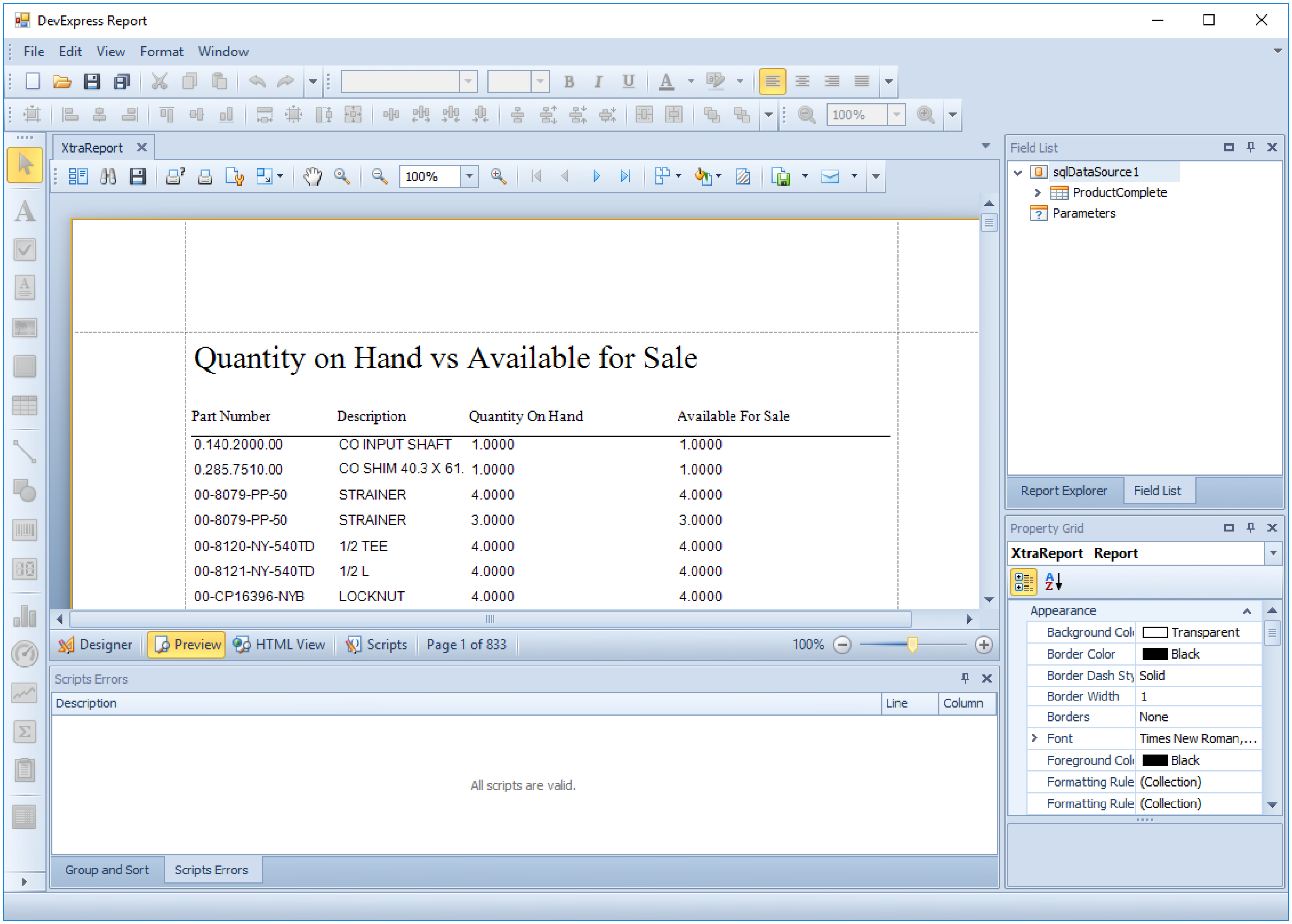
3. Click the **Preview** button on the bottom ribbon menu to refresh the document with the update information.



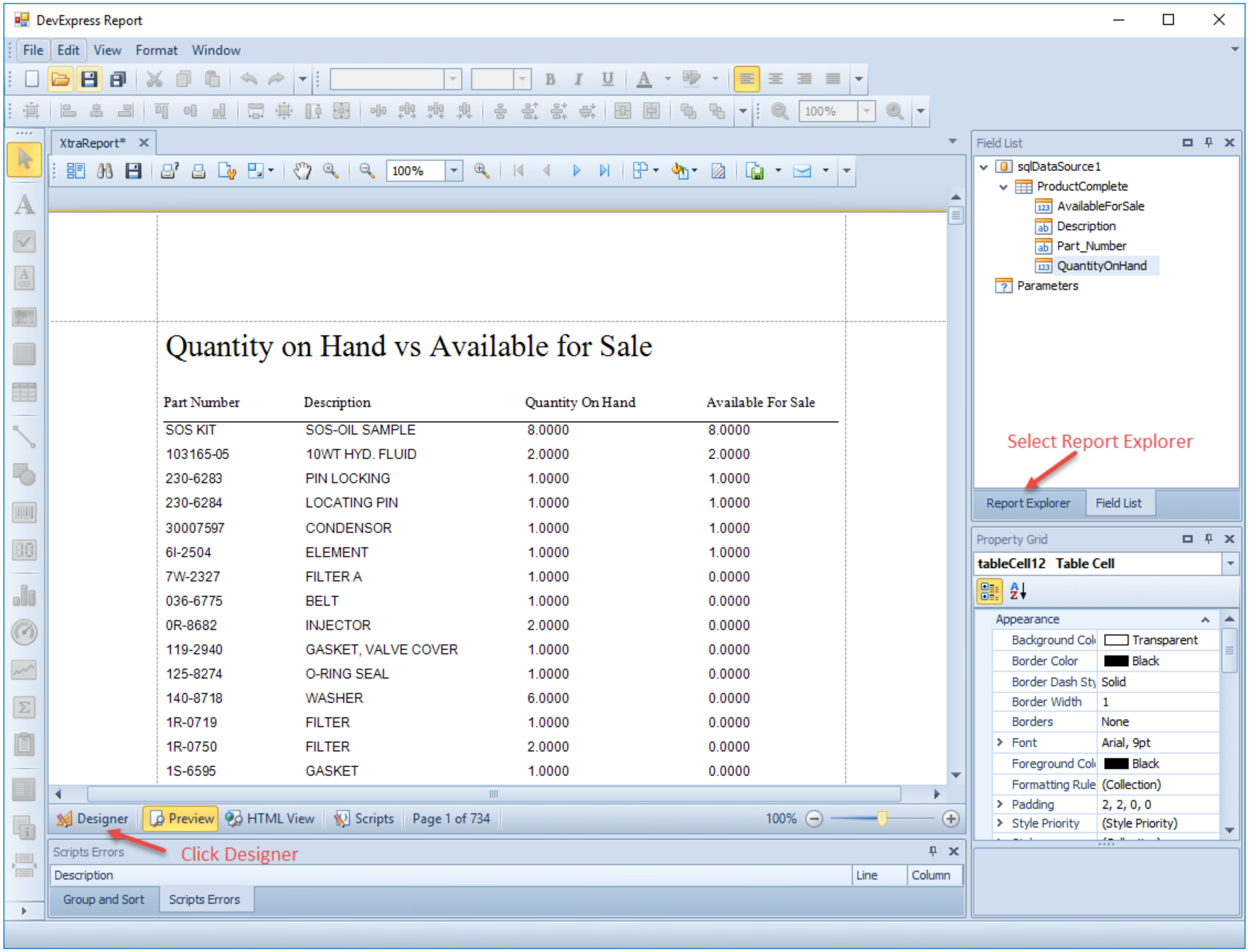
4. Please Wait. Creating the document... The report is connecting to the data base to pull in the updated information.



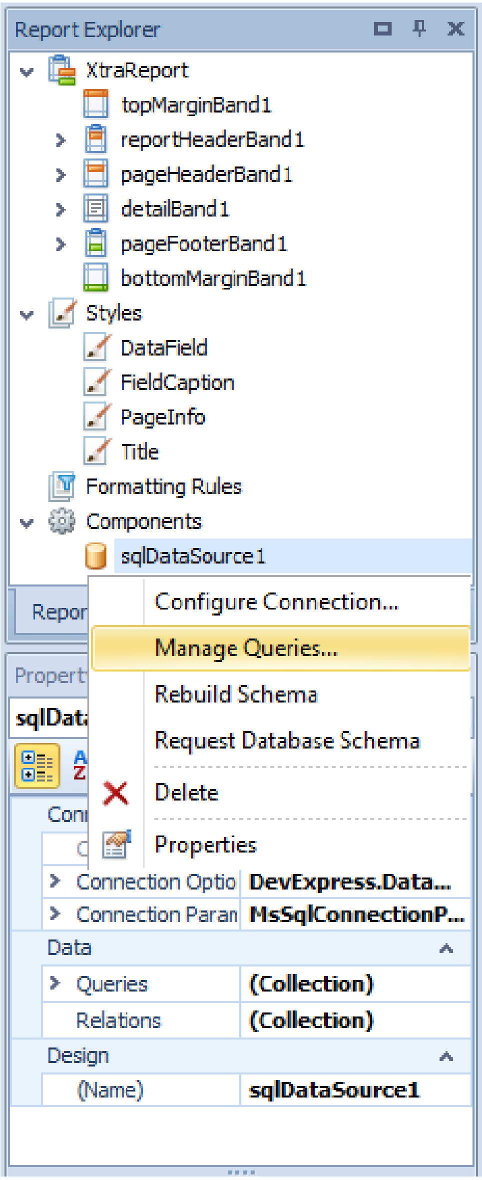
5. The report is now ready to Save, Export, E-mail, Print and, or, Edit.



6. Click the **Designer** button on the bottom ribbon menu.
7. On the bottom of the top right pain select **Report Explorer**.

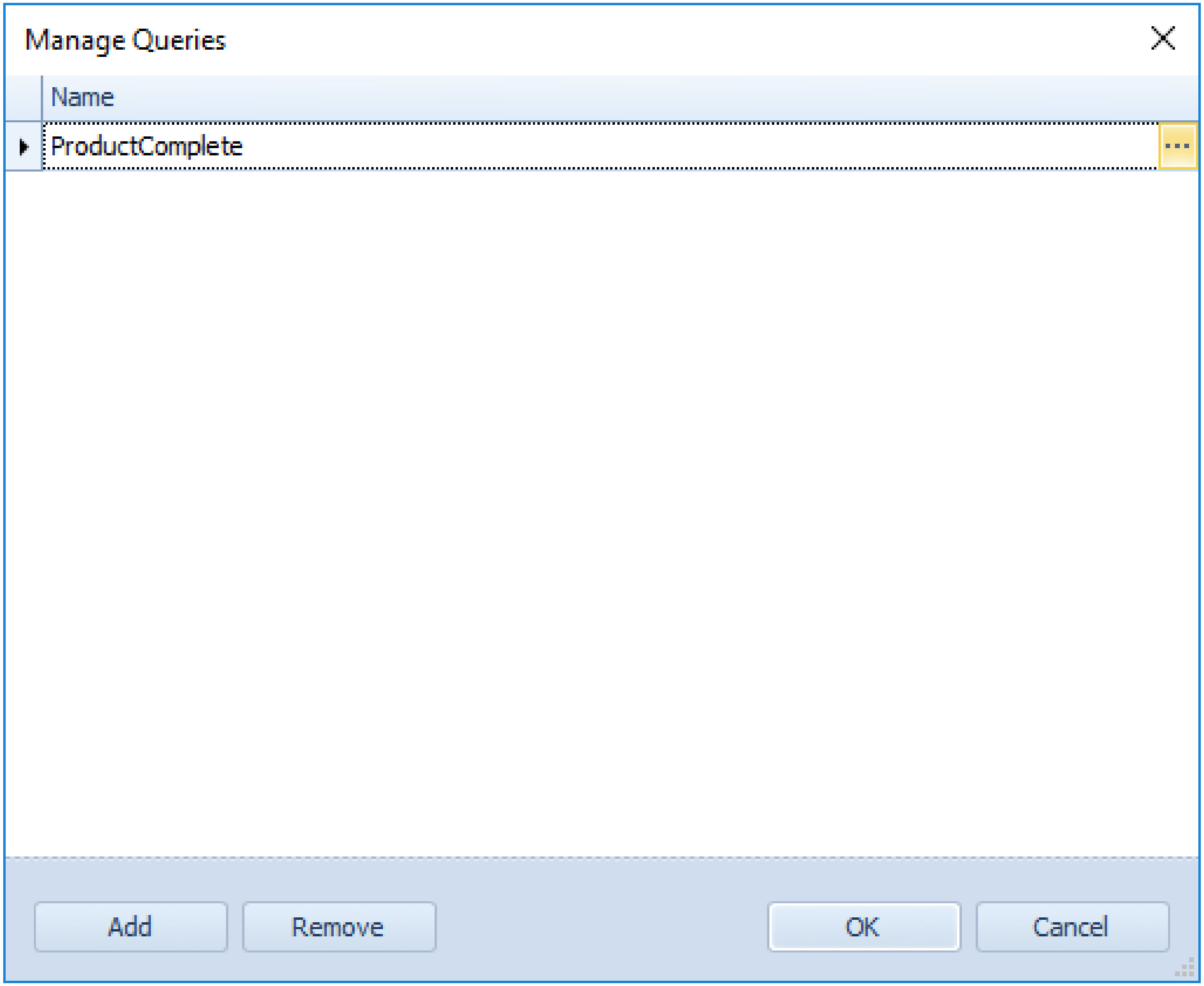


8. Right click on the data source (sqlDataSource1) and select **Manage Queries**…



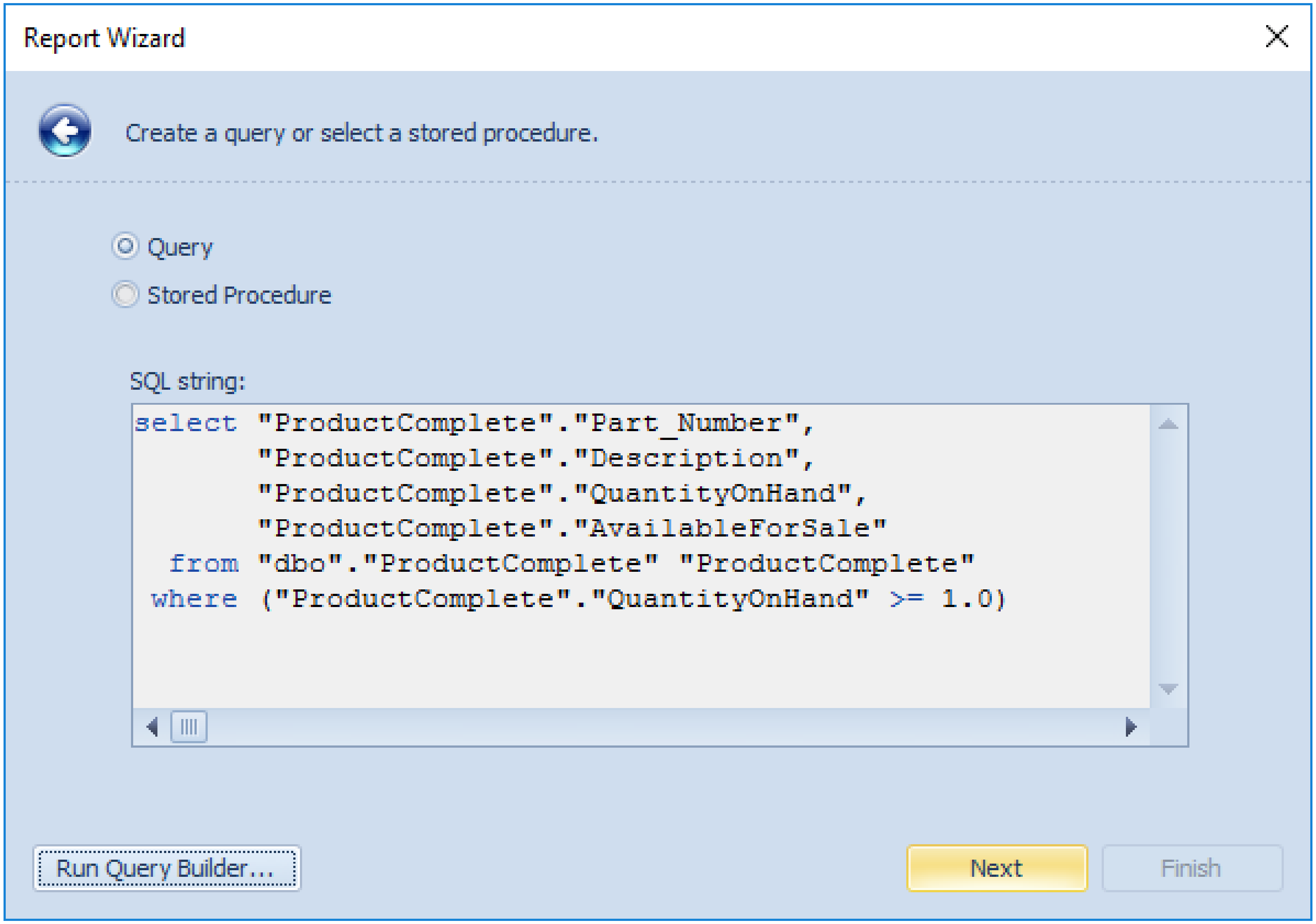
Manage Queries... Access and Edit a saved Report

9. Click on the Ellipsis (...) to invoke the **Report Wizard** window.



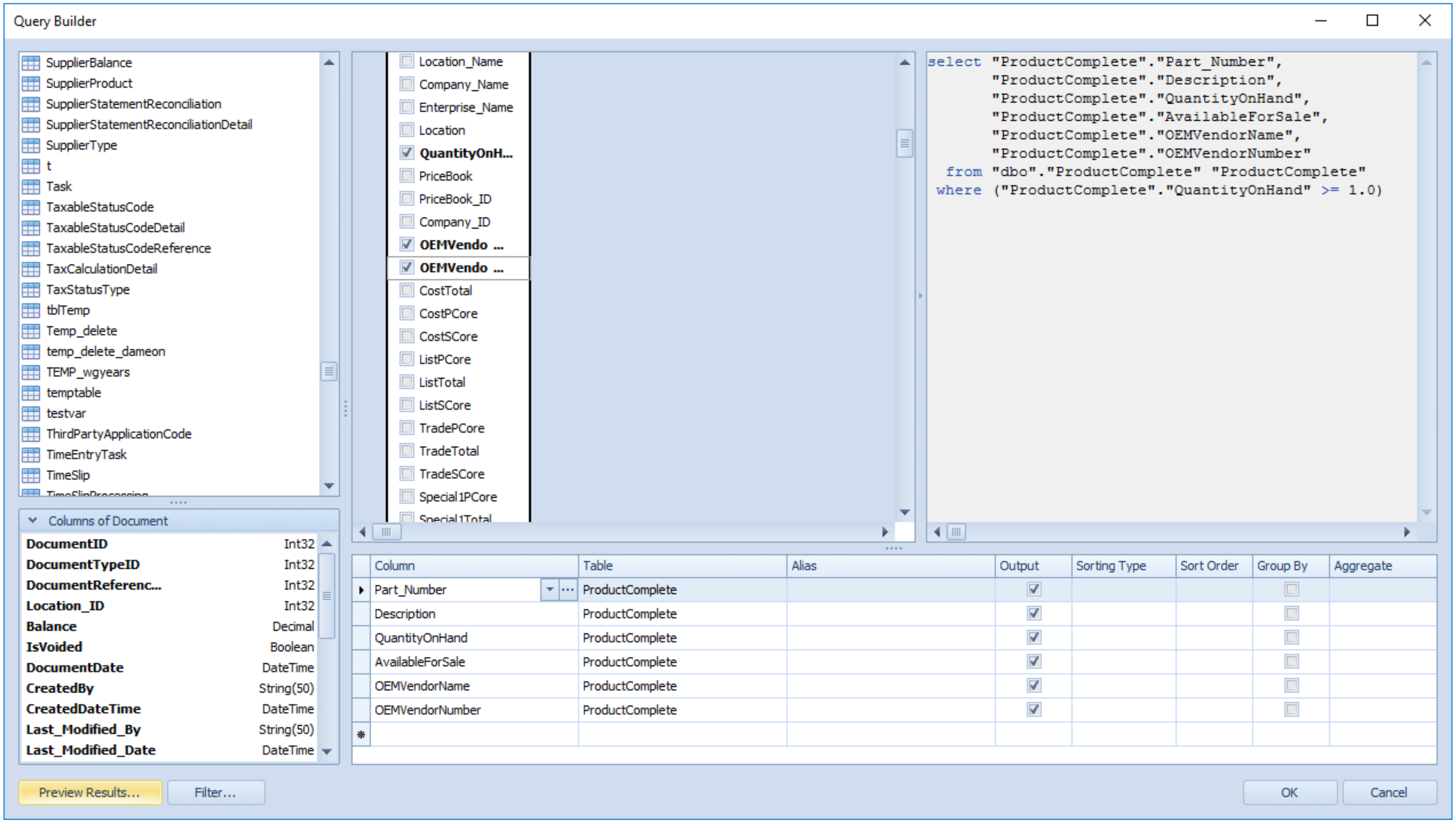
Create a query or select a stored procedure.

10. Select **Query** and click **Run Query Builder**… to invoke the **Query Builder** window.



Query Builder

11. Check the box next to the items you want to add to your query (OEMVendorName and OEMVendorNumber). The two new columns you have chosen have been add to the list in the bottom window underneath the tables/views.
12. Click **Preview Results** to display the first 1000 rolls of your report.



Data Preview

13. After viewing your results, click **Close** to go back to the Query Builder window where you can edit the columns and, or add filters to your report.

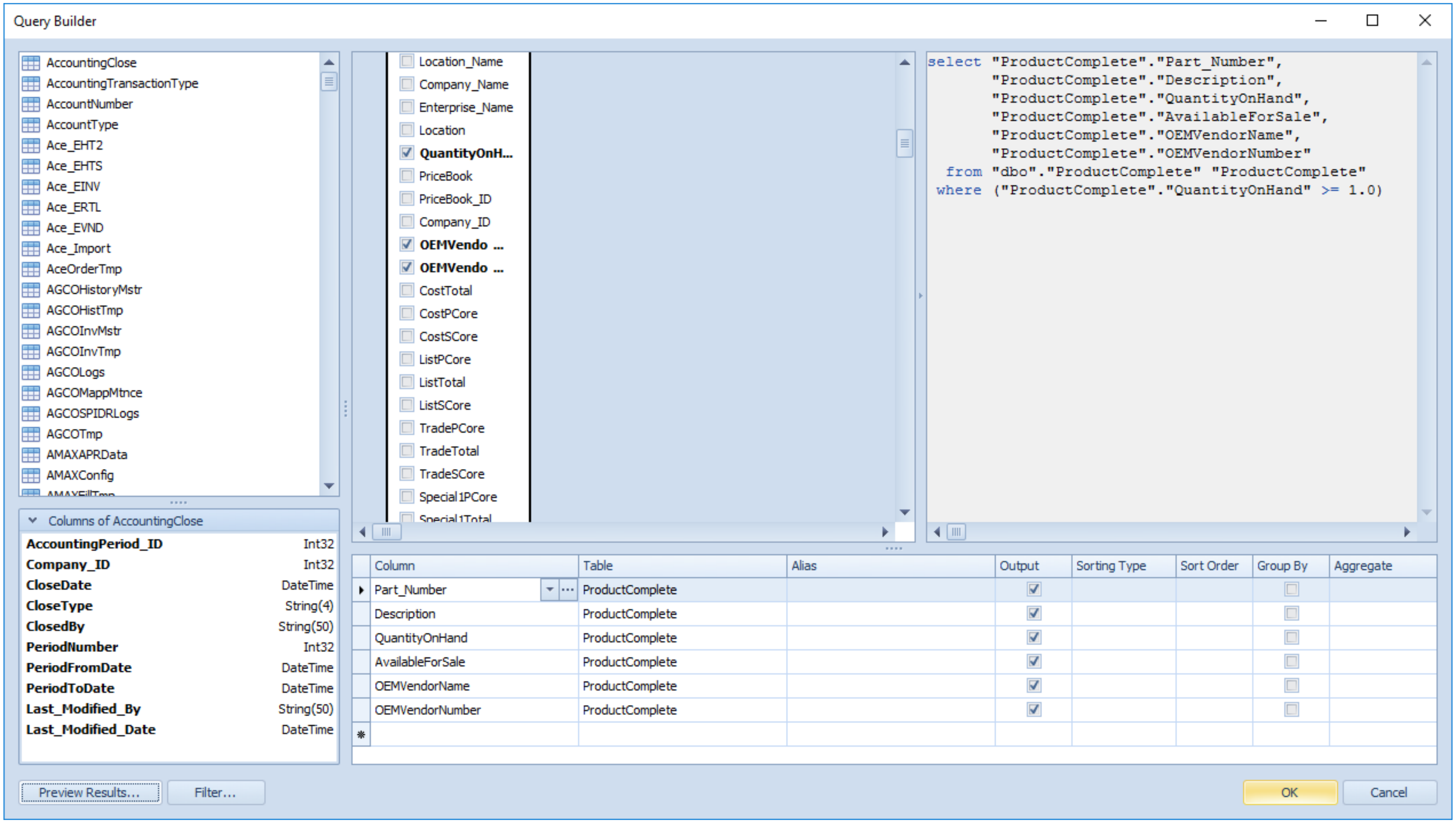
Data Preview (First 1000 Rows Displayed)

Part_Number	Description	Quantity On Hand	Available For Sale	OEM Vendor Name	OEM Vendor
0.140.2000.00	CO INPUT SHAFT	1.0000	1.0000	LAND PRIDE	909
0.285.7510.00	CO SHIM 40.3 X 61.7 X 1	1.0000	1.0000	LAND PRIDE	909
00-8079-PP-50	STRAINER	4.0000	4.0000	BECKNELL WHOLESALE COMPANY	025
00-8079-PP-50	STRAINER	3.0000	3.0000	BECKNELL WHOLESALE COMPANY	025
00-8120-NY-540TD	1/2 TEE	4.0000	4.0000	BECKNELL WHOLESALE COMPANY	025
00-8121-NY-540TD	1/2 L	4.0000	4.0000	BECKNELL WHOLESALE COMPANY	025
00-CP16396-NYB	LOCKNUT	4.0000	4.0000	BECKNELL WHOLESALE COMPANY	025
000-1155	OIL SEAL	1.0000	1.0000	MISC PARTS	013
000-6586	SPACER	7.0000	7.0000	BEFCO	050
000-6659	BOLT, BLADE BEFCO	3.0000	3.0000	BEFCO	050
000-6845	BLADE	3.0000	3.0000	BEFCO	050
0000 007 1065	CARBURETOR KIT	2.0000	2.0000	STIHL	451
0000 007 1072	CARBURETOR KIT	1.0000	1.0000	STIHL	451
0000 141 0300	PREFILTER	1.0000	1.0000	STIHL	451
0000 350 0504	FILLER CAP	4.0000	4.0000	STIHL	451
0000 350 0510	FILLER CAP	6.0000	6.0000	STIHL	451
0000 350 0520	FUEL FILLER CAP	1.0000	1.0000	STIHL	451
0000 350 0525	FUEL CAP	1.0000	1.0000	STIHL	451
0000 350 0527	FILLER CAP	11.0000	9.0000	STIHL	451
0000 350 0533	FILLER CAP	2.0000	1.0000	STIHL	451
0000 350 0535	FILLER CAP	6.0000	6.0000	STIHL	451

Close

Query Builder

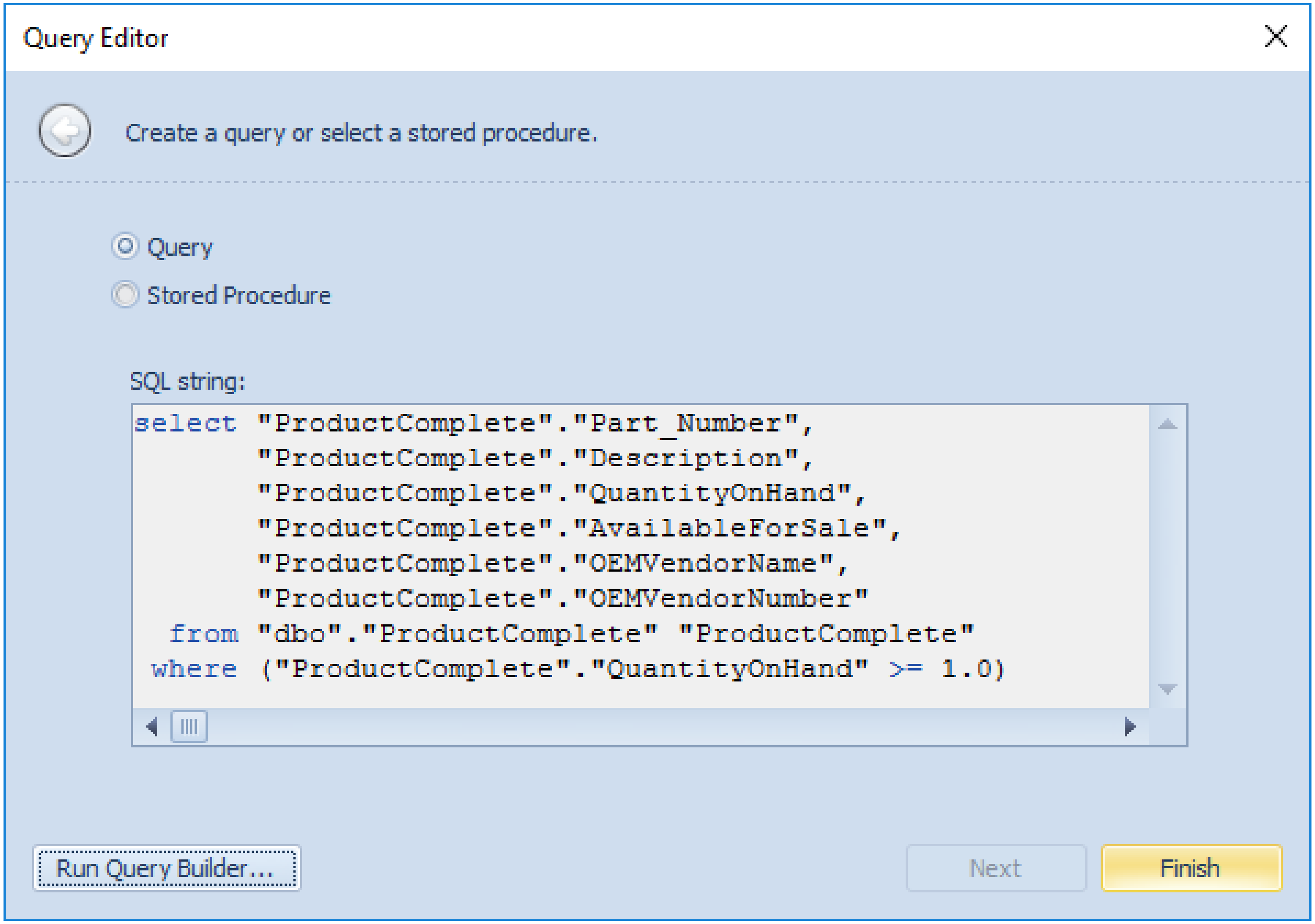
14. Click **OK** to close the Query Builder and return to the Report Wizard window.



Report Wizard

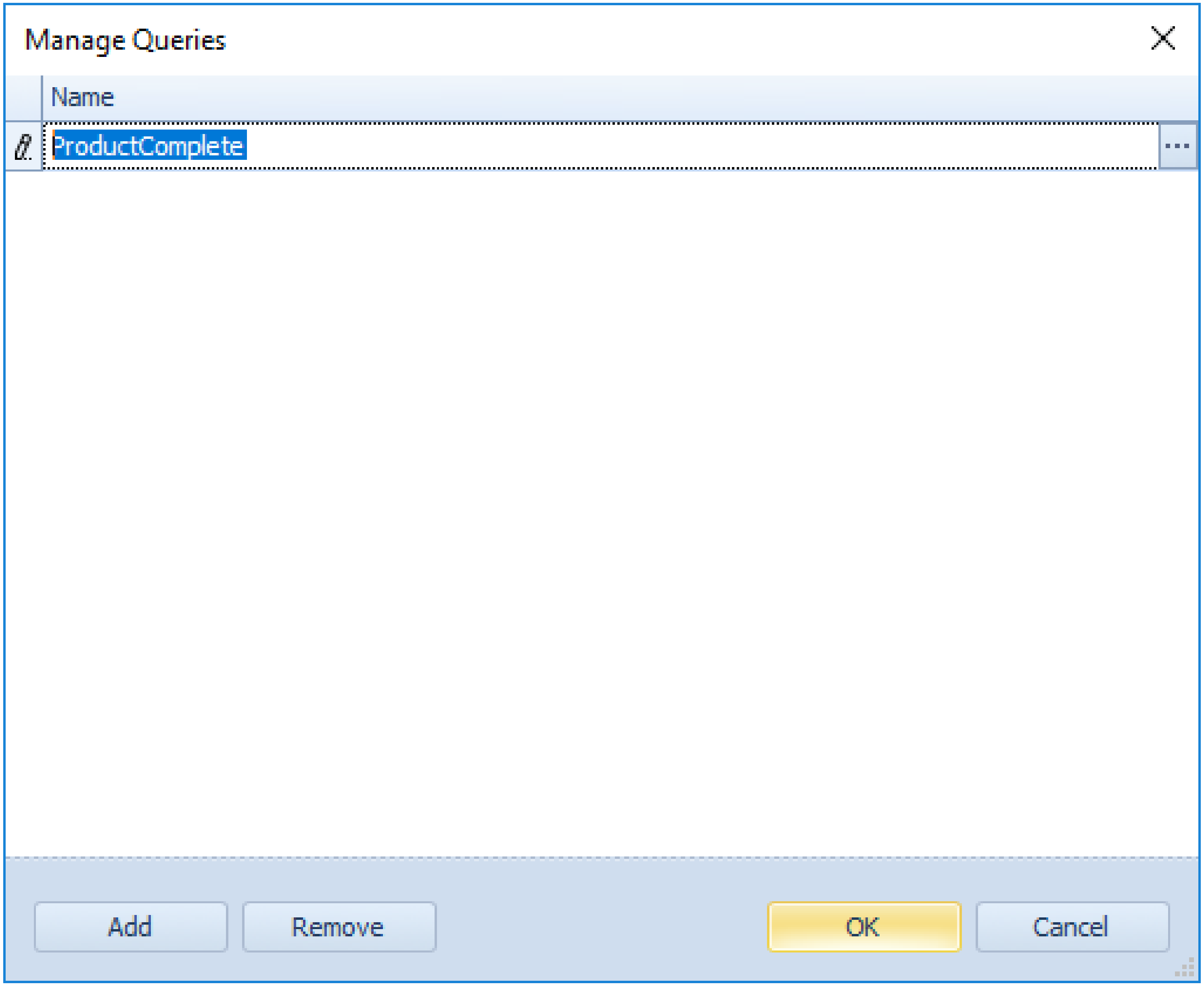
Create a query or select a stored procedure.

15. After you have built your query it will be displayed in the SQL string pain, click **Finish**.



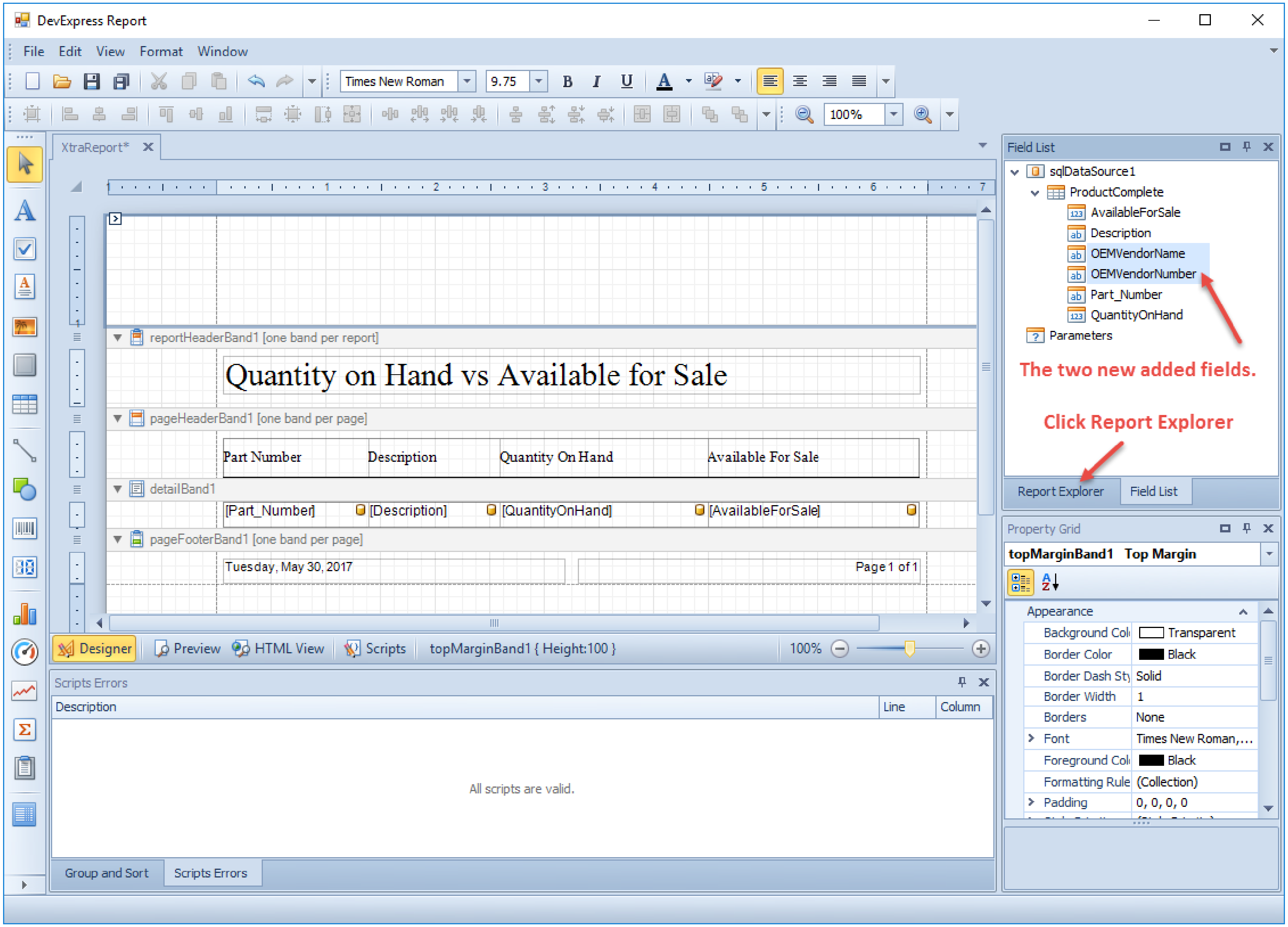
Manage Queries

16. In the Manage Queries window click **OK**.



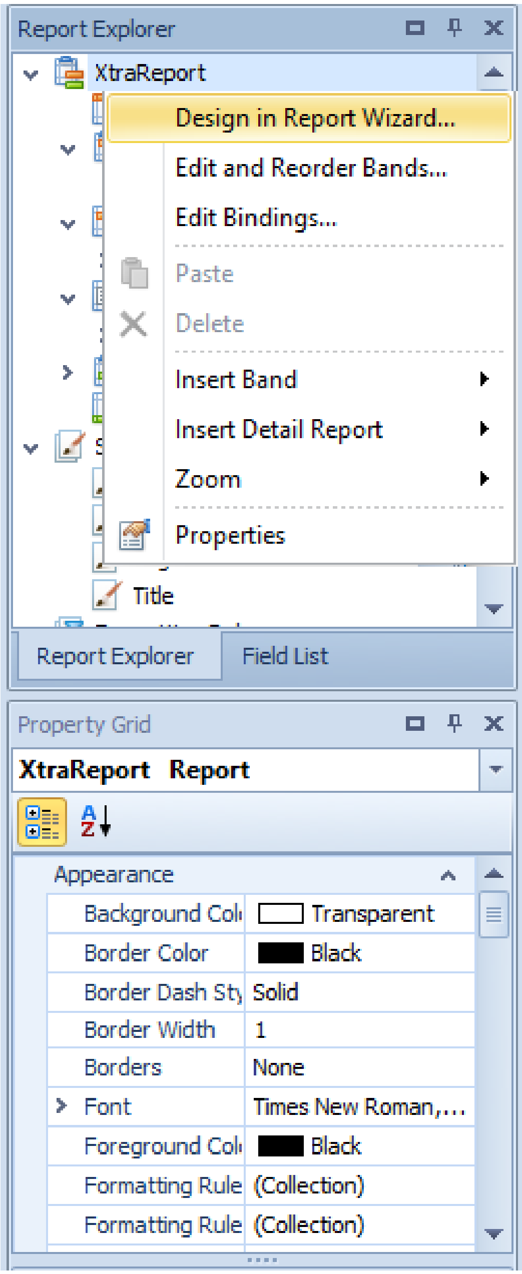
DevExpress Report... Field List

17. The two new fields have been added the **Field List**.
18. Click on **Report Explorer**.



Report Explorer

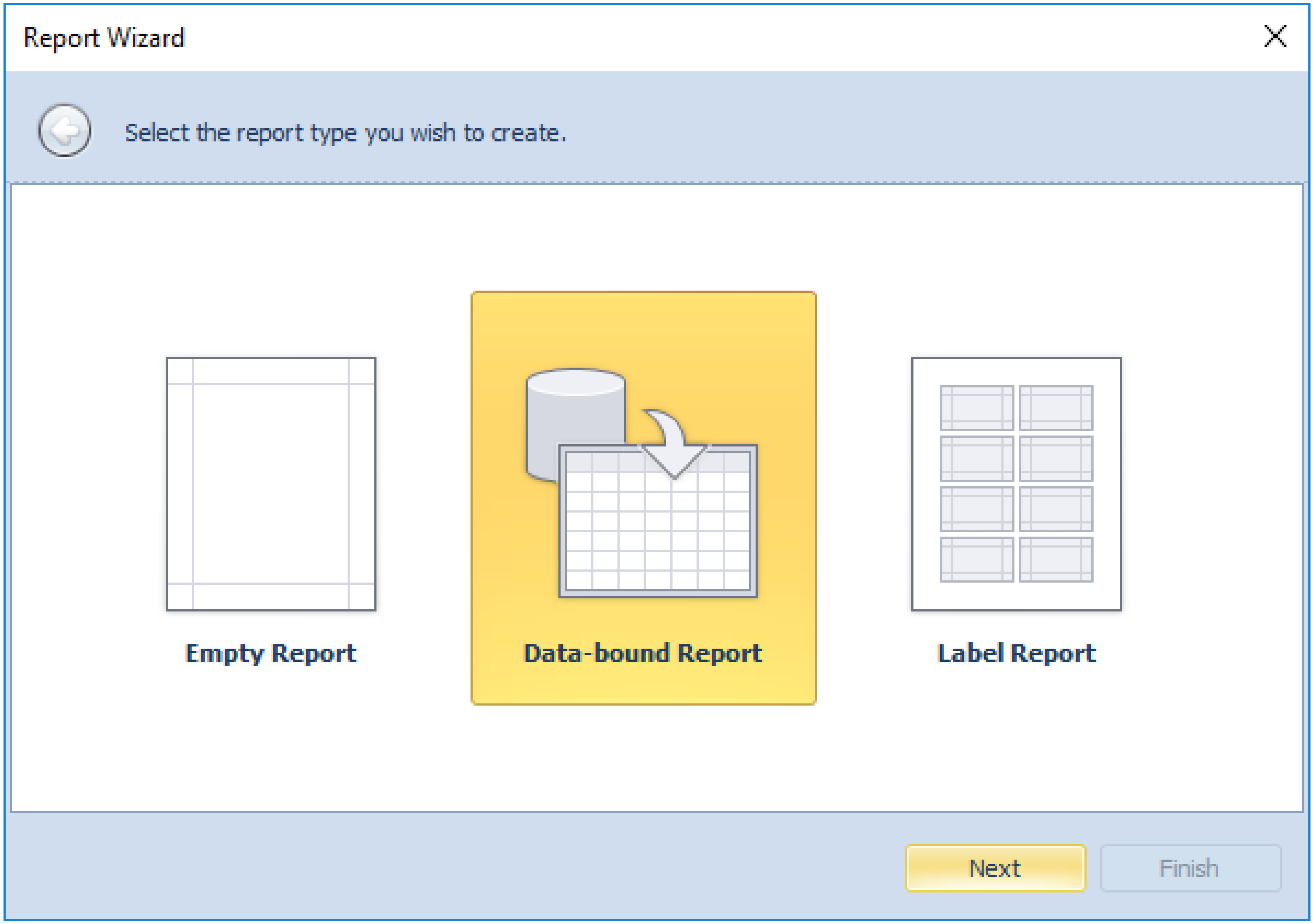
19. In the Report Explorer right click on **XtraReport** and select **Design in Report Wizard**.



Report Wizard

Select the report type you wish to create.

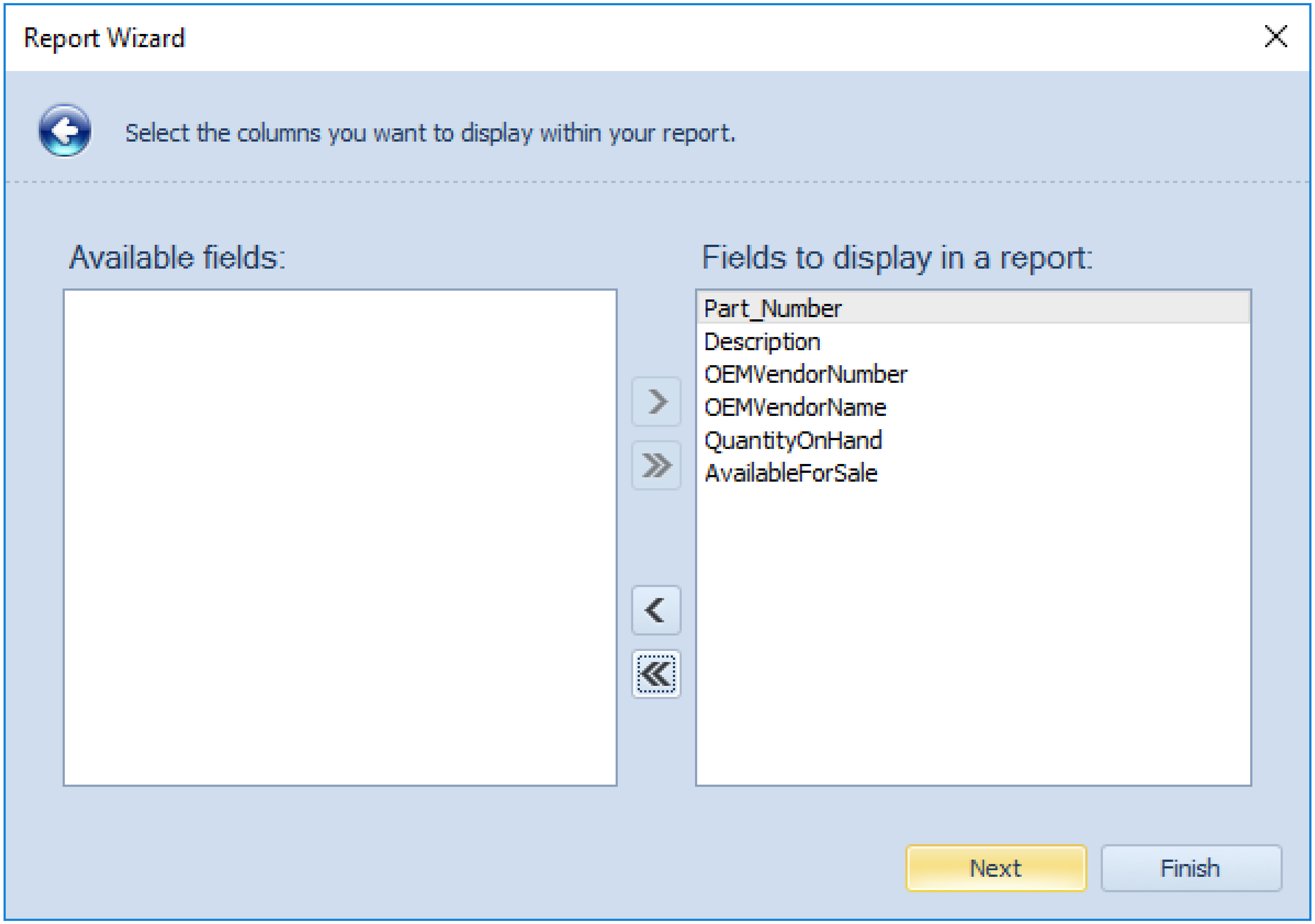
20. Select the report type (Data-bound Report) and click **Next**.



Report Wizard

Select the columns you want to display within your report.

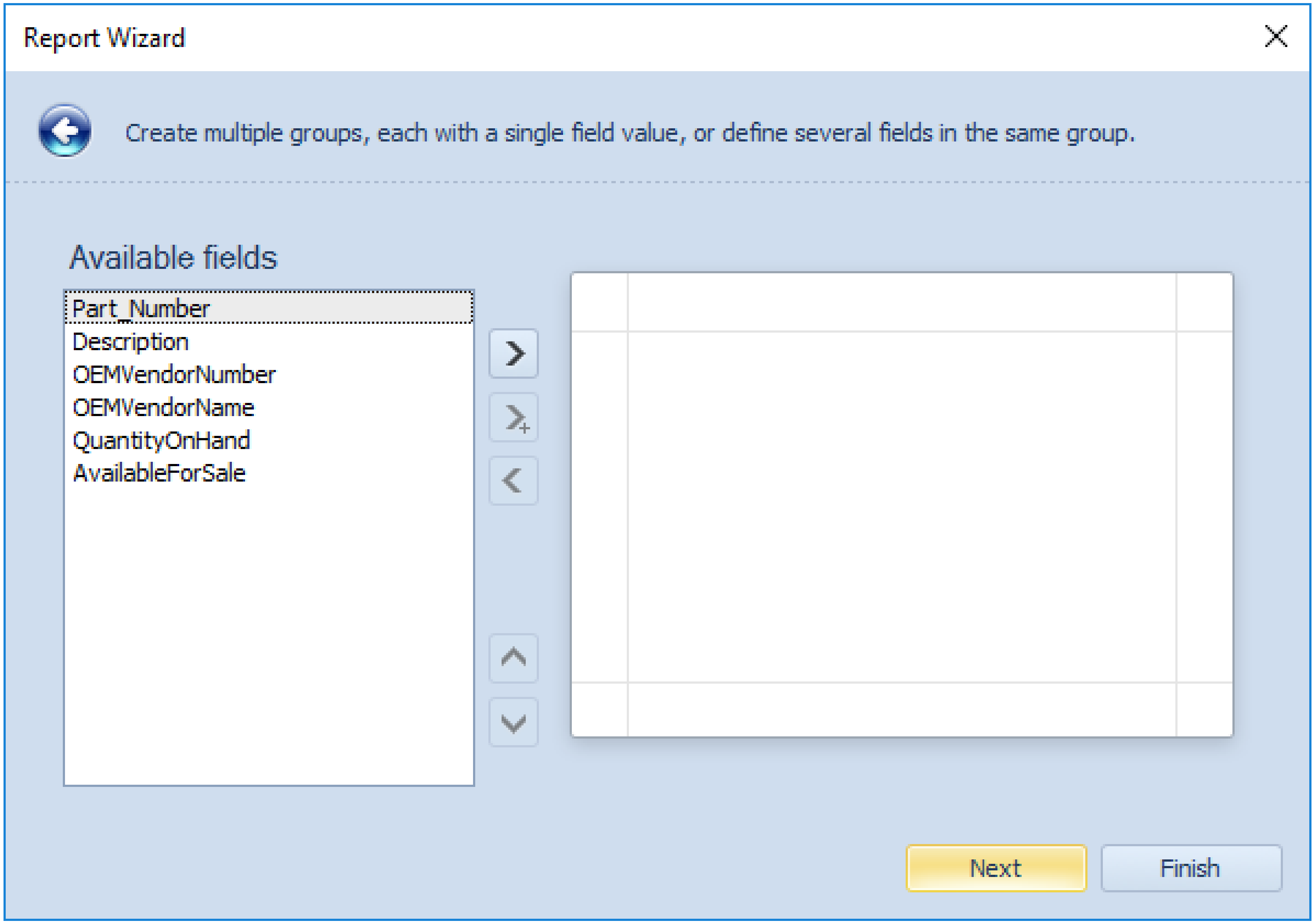
21. Highlight an item and use the arrow to add the field to the "Fields to display in a report" pain, click **Next**.



Report Wizard

Create multiple groups, each with a single field value, or define several fields in the same group.

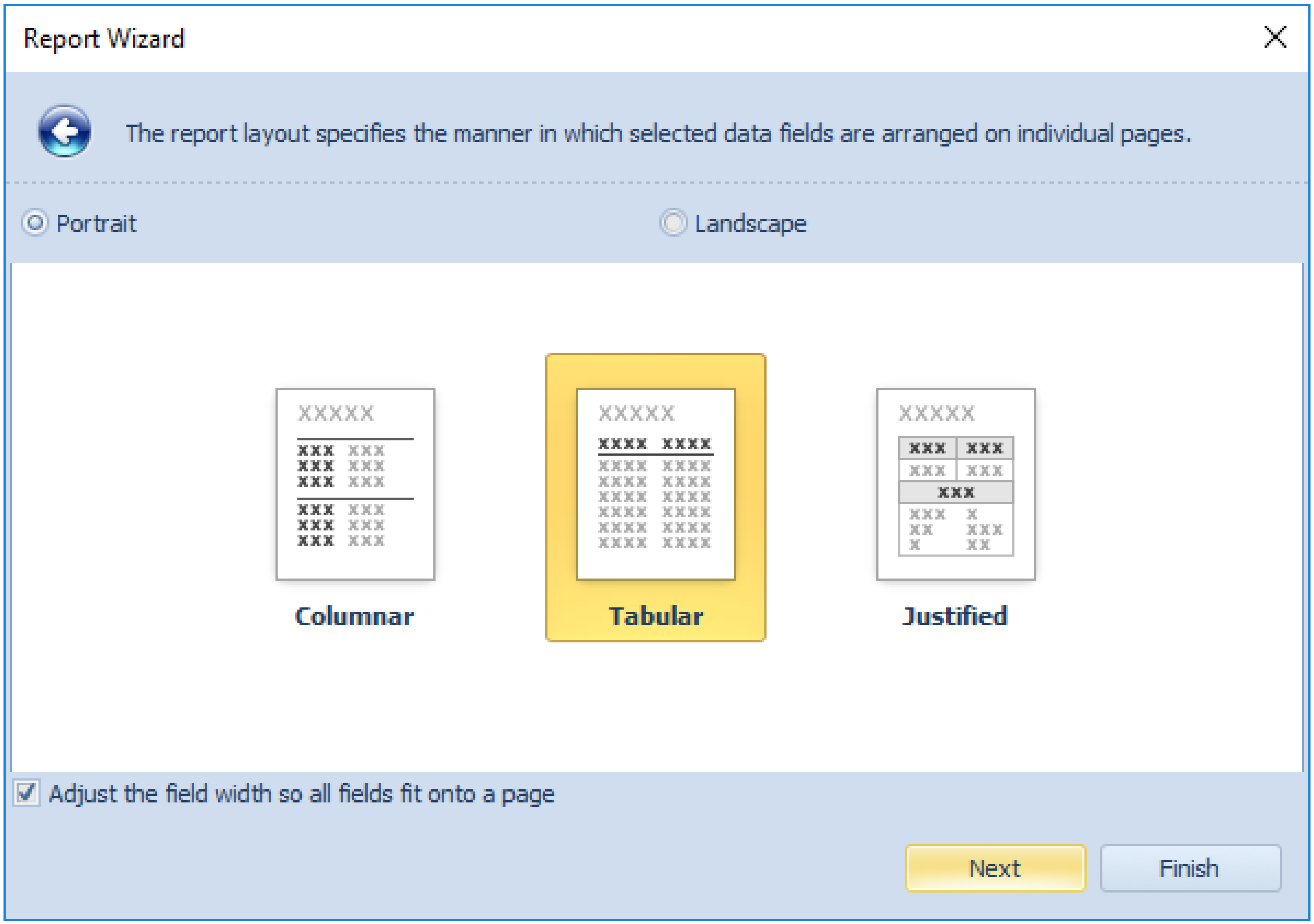
22. This is optional and you can skip it by clicking **Next**.



Report Wizard

The report layout specifies the manner in which selected data fields are arranged on individual pages.

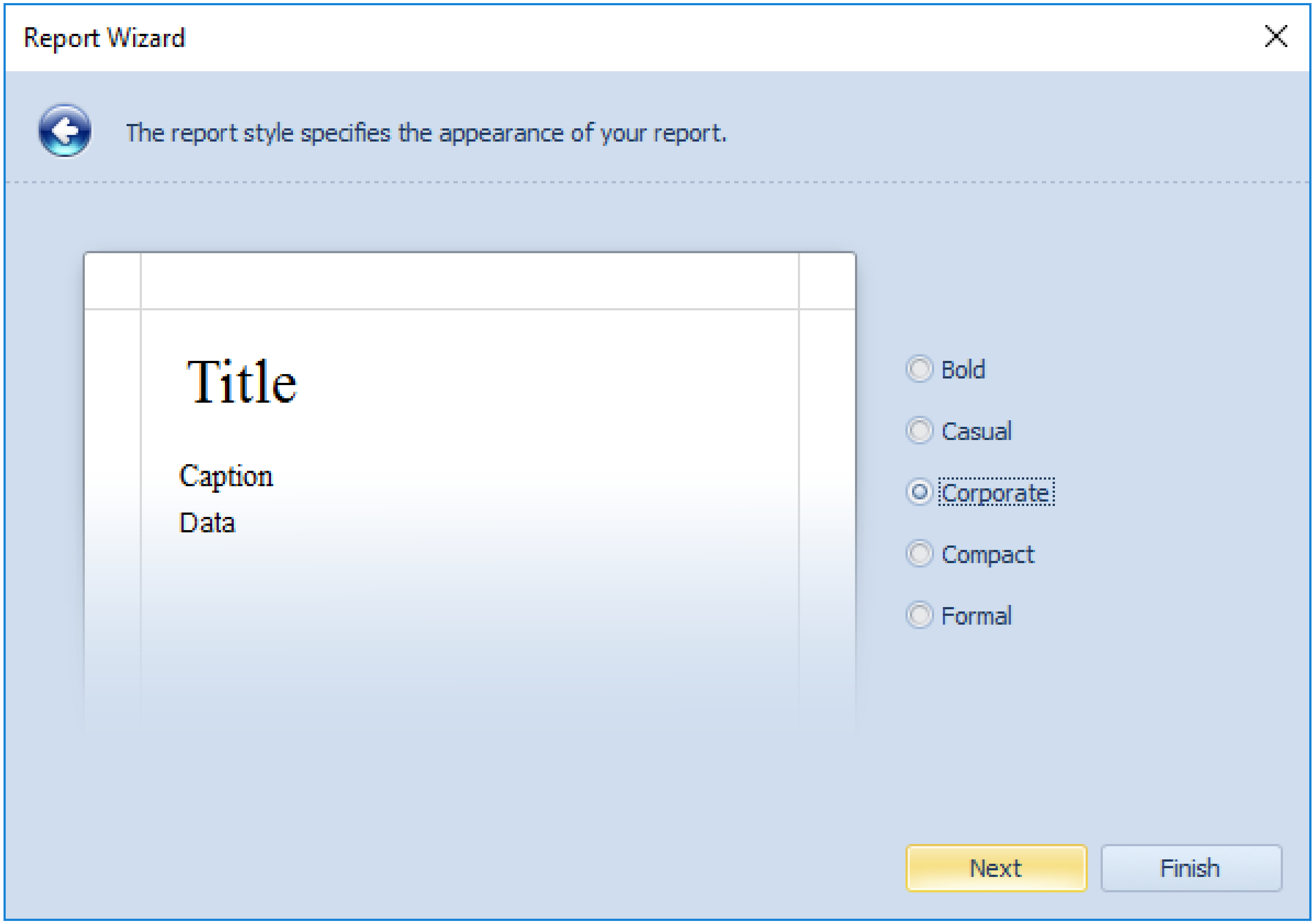
23. Select the page orientation (Portrait).
24. Select the page layout (Tabular).
25. Check "Adjust the field width so all fields fit onto a page" and click **Next**.



Report Wizard

The report style specifies the appearance of you report.

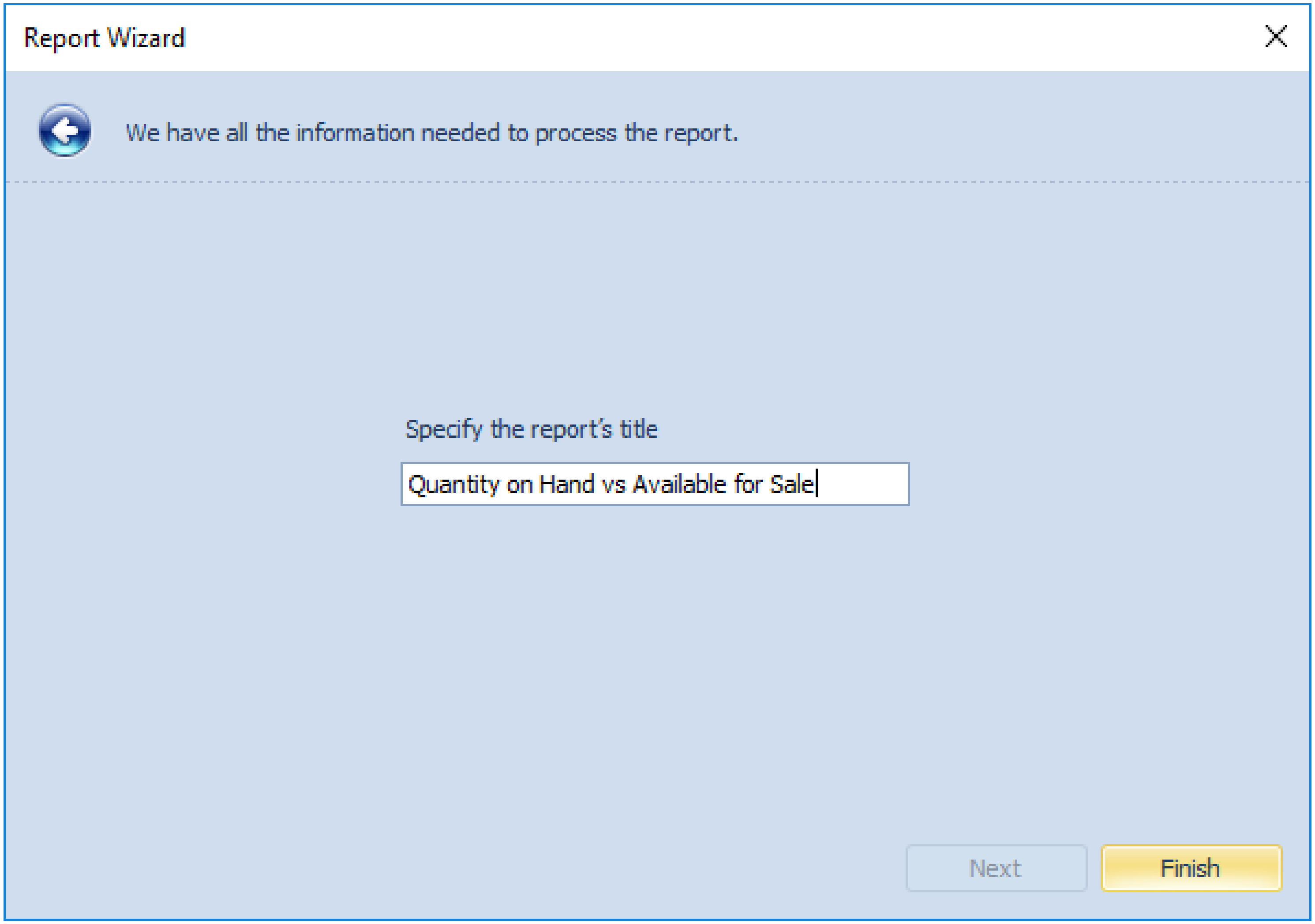
26. Select the report style (Corporate) and click **Next**.



Report Wizard

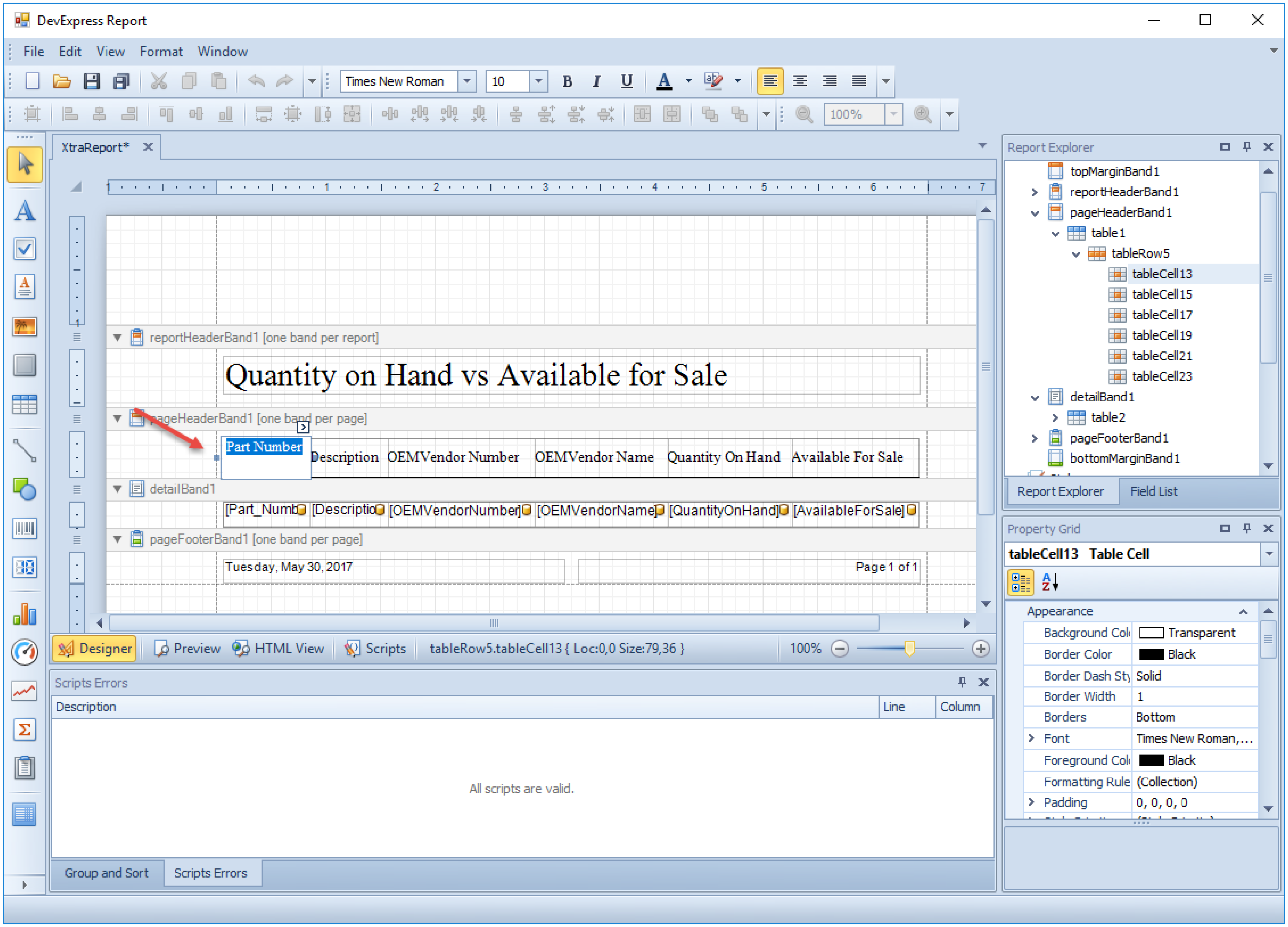
We have all the information needed to process the report

27. Specify the report's title (Quantity on Hand vs Available for Sale) and click **Finish**.

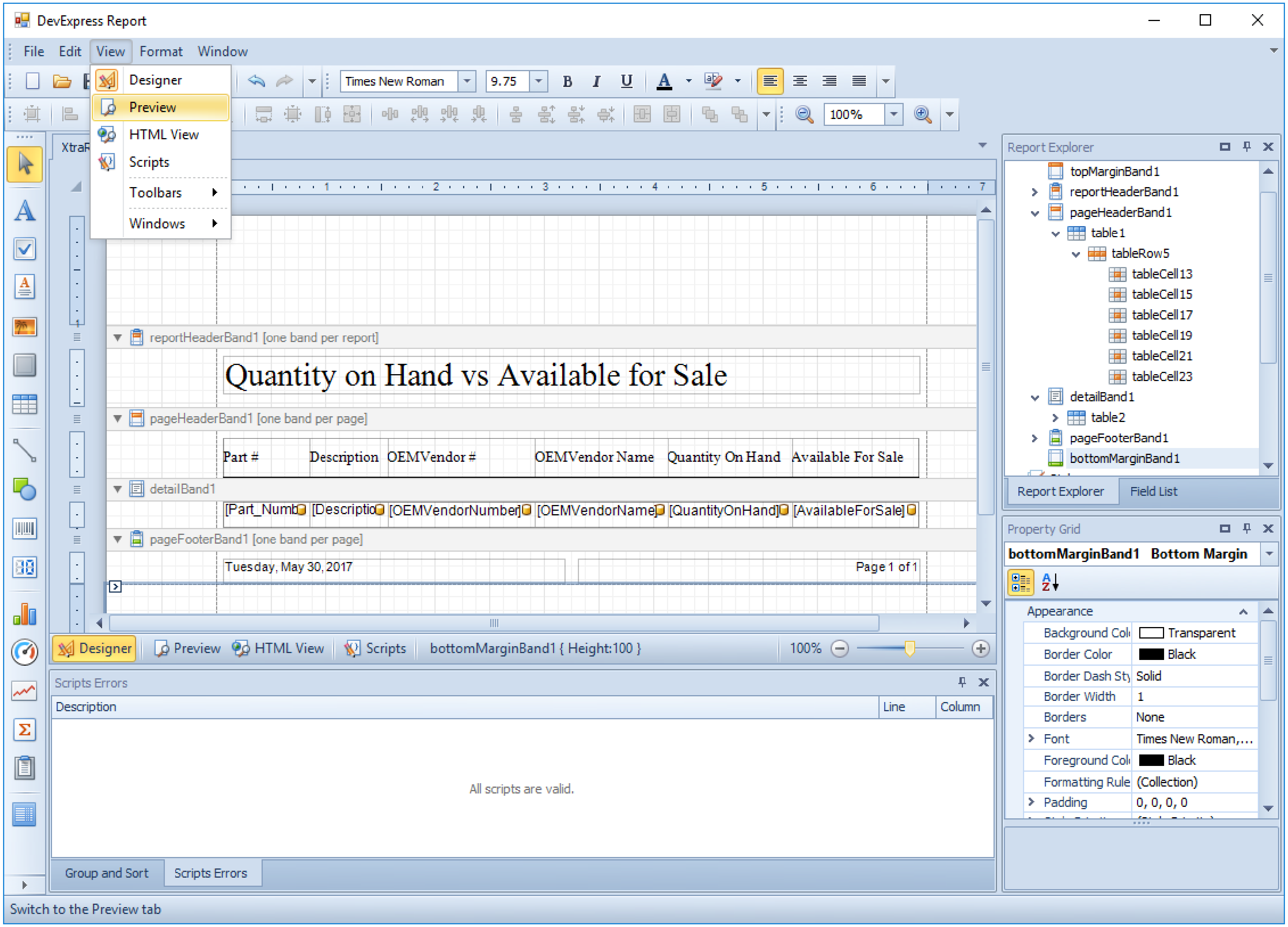


DevExpress Wizard

28. Click in the title box to edit the column name. Use the tools provided on the tool bar to continue editing your report.



28. Click the Preview button or go to View > in the title box to edit the column name. Use the tools provided on the tool bar to continue editing your report.



29. When you are done editing your report click the **Preview** button on the bottom ribbon menu to preview the report.
30. Click File, Close to close out of **DevExpress Report**.