CRYSTAL REPORT

For Visual Basic 2010 w/ SSMS

What is SAP Crystal Report?

SAP Crystal Reports can help you analyze your data by creating richly formatted, pixel-perfect, and multipage reports from virtually any data source, delivered in over a dozen formats.

Why Crystal Report?

Pixel-perfect documents

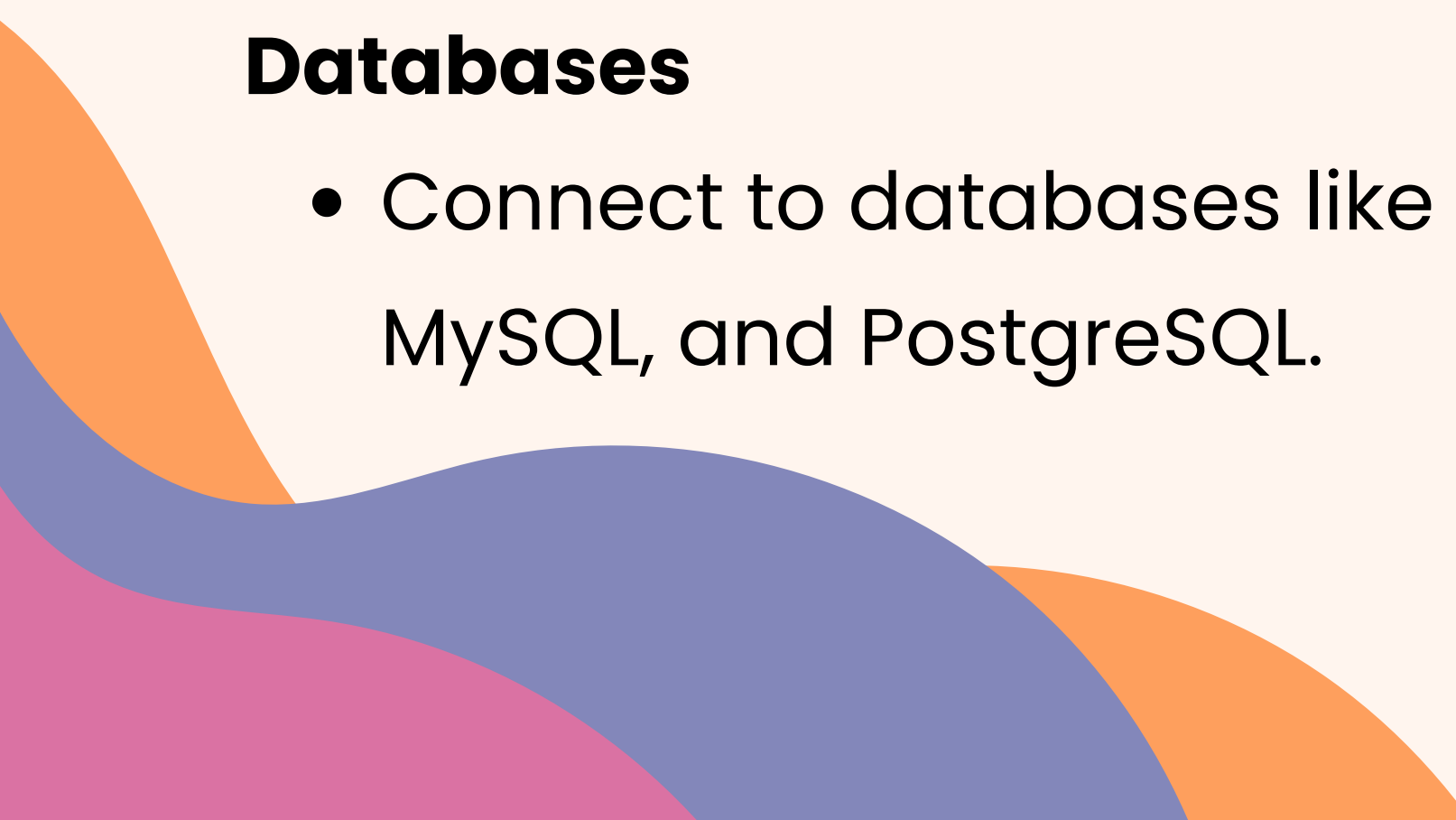- Provide pixel-perfect documents and forms with highly formatted contents

Defined user rights

- Manage user rights to access, view, refresh, export, or print reports.

Flat files

- Connect to flat files like Microsoft Excel, text files, PDF, XML, and file systems.

Databases

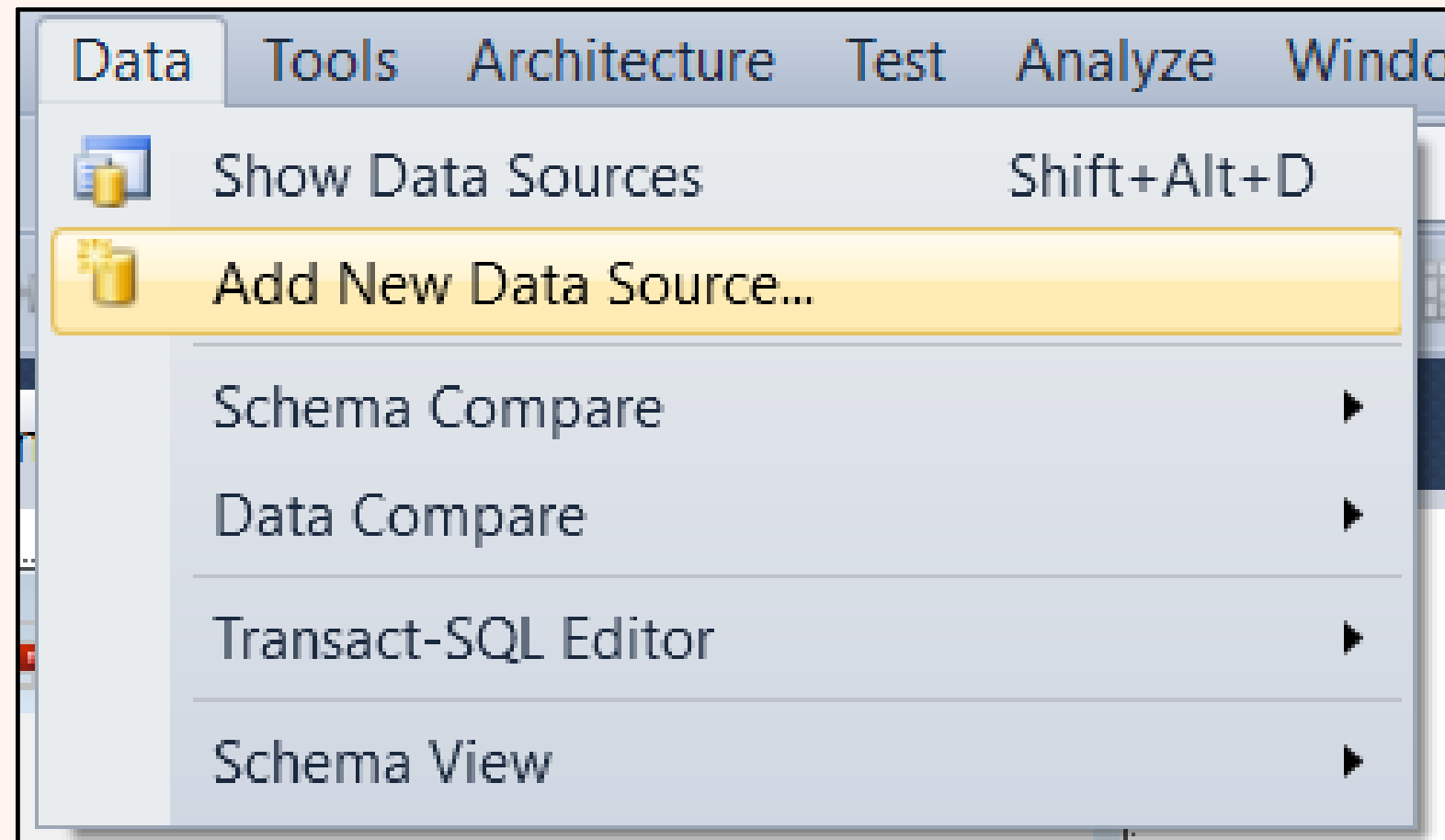- Connect to databases like Microsoft Access, Microsoft SQL Server, Oracle, MySQL, and PostgreSQL.

Start using
Crystal Report

Create Data Set

Go to **Data** tab > **Add New Data Source...**

Data	Tools	Architecture	Test	Analyze	Windo

Show Data Sources   Shift+Alt+D

Add New Data Source...

Schema Compare   ▶

Data Compare   ▶

Transact-SQL Editor   ▶

Schema View   ▶

then **Database** > **Dataset** and

Click on **New Connection...**

Which data connection should your application use to connect to the database?

laptop-1clifqed\sqlexpress.DBCrud.dbo   ∨   New Connection...

Create Data Set

Choose '**Microsoft SQL Server'** as your Data Source

Input your **Server Name**

Select your **Database** then click **OK**

Add Connection

? ✕

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:

Microsoft SQL Server (SqlClient) | Change... |

Server name:

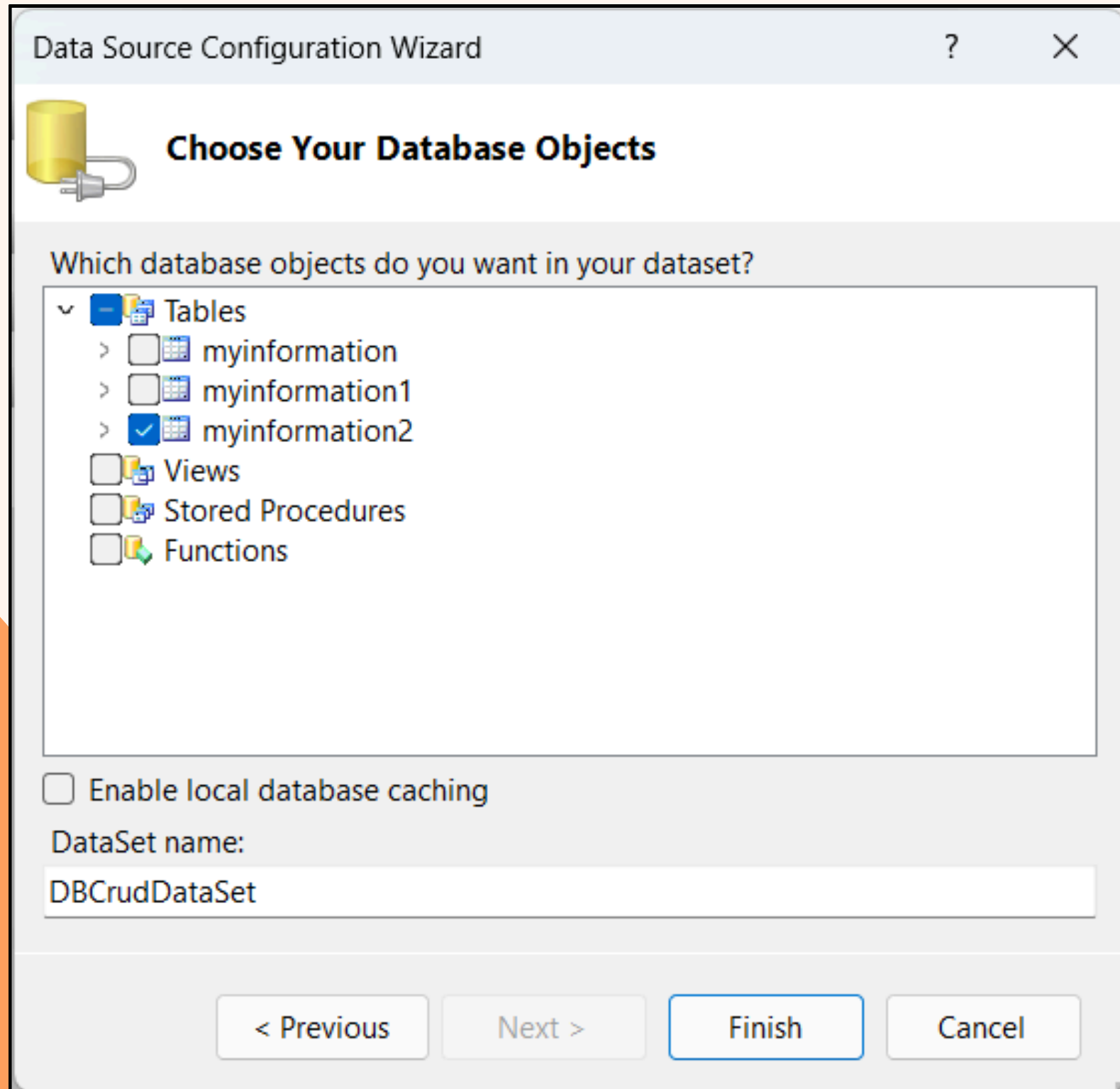LAPTOP-1CLIFQED\SQLEXPRESS   ⌄ | Refresh |

Log on to the server

◉ Use **W**indows Authentication

○ Use S**Q**L Server Authentication

User name:

Password:

☐ **S**ave my password

Connect to a database

◉ Select or enter a **d**atabase name:

| ⌄ |

DBCrud

DBModule

Create Data Set

Data Source Configuration Wizard   ?   ✕

Choose Your Database Objects

Which database objects do you want in your dataset?

- ∨ ☑ Tables
  - › ☐ myinformation
  - › ☐ myinformation1
  - › ☑ myinformation2
- ☐ Views
- ☐ Stored Procedures
- ☐ Functions

☐ Enable local database caching

DataSet name:

DBCrudDataSet

< Previous   Next >   Finish   Cancel

Select your **Table** in the Database then click **Finish**

DBCrudDataSet.xsd

Creating Crystal Report and Importing DataSet
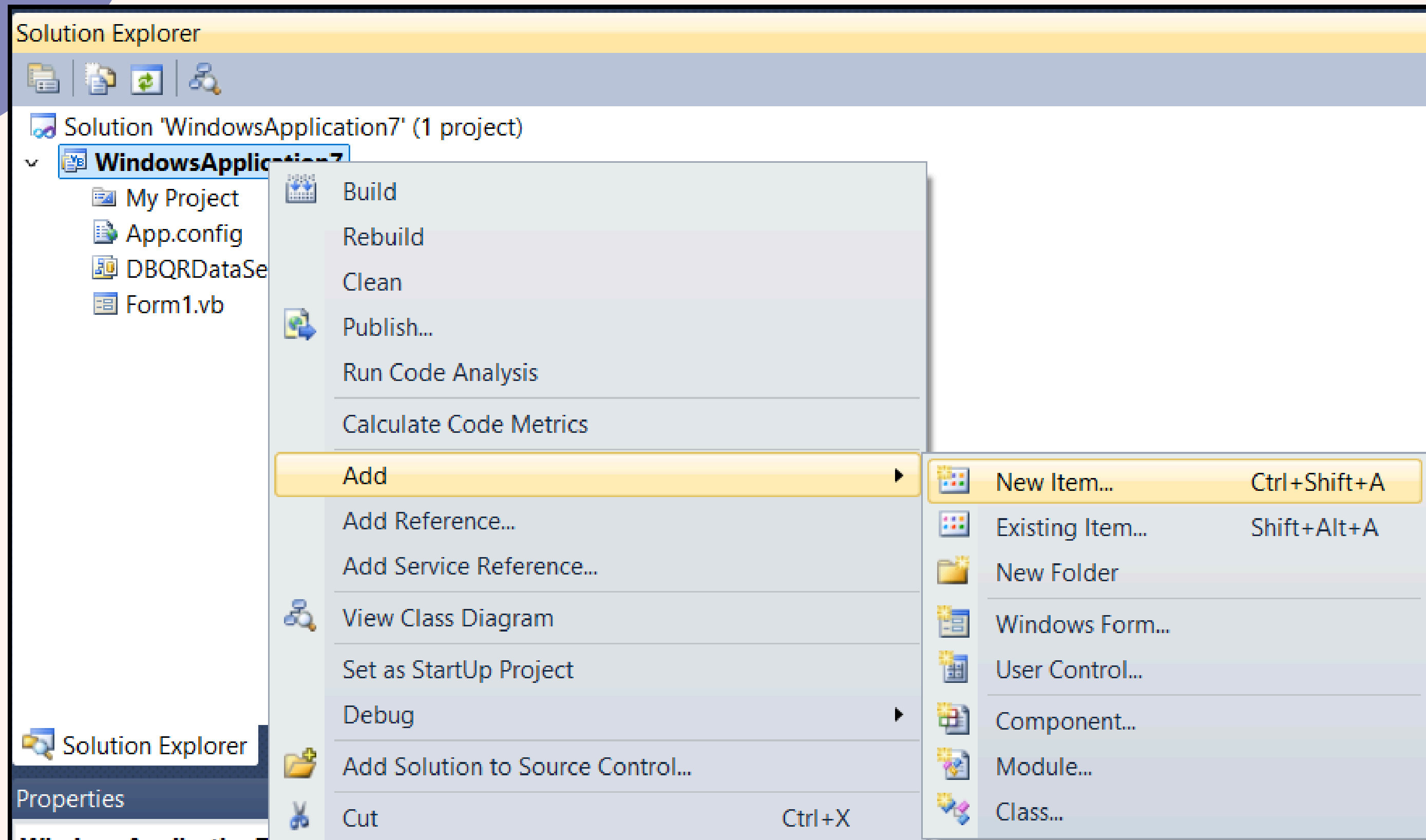
Creating Crystal Report and Importing DataSet
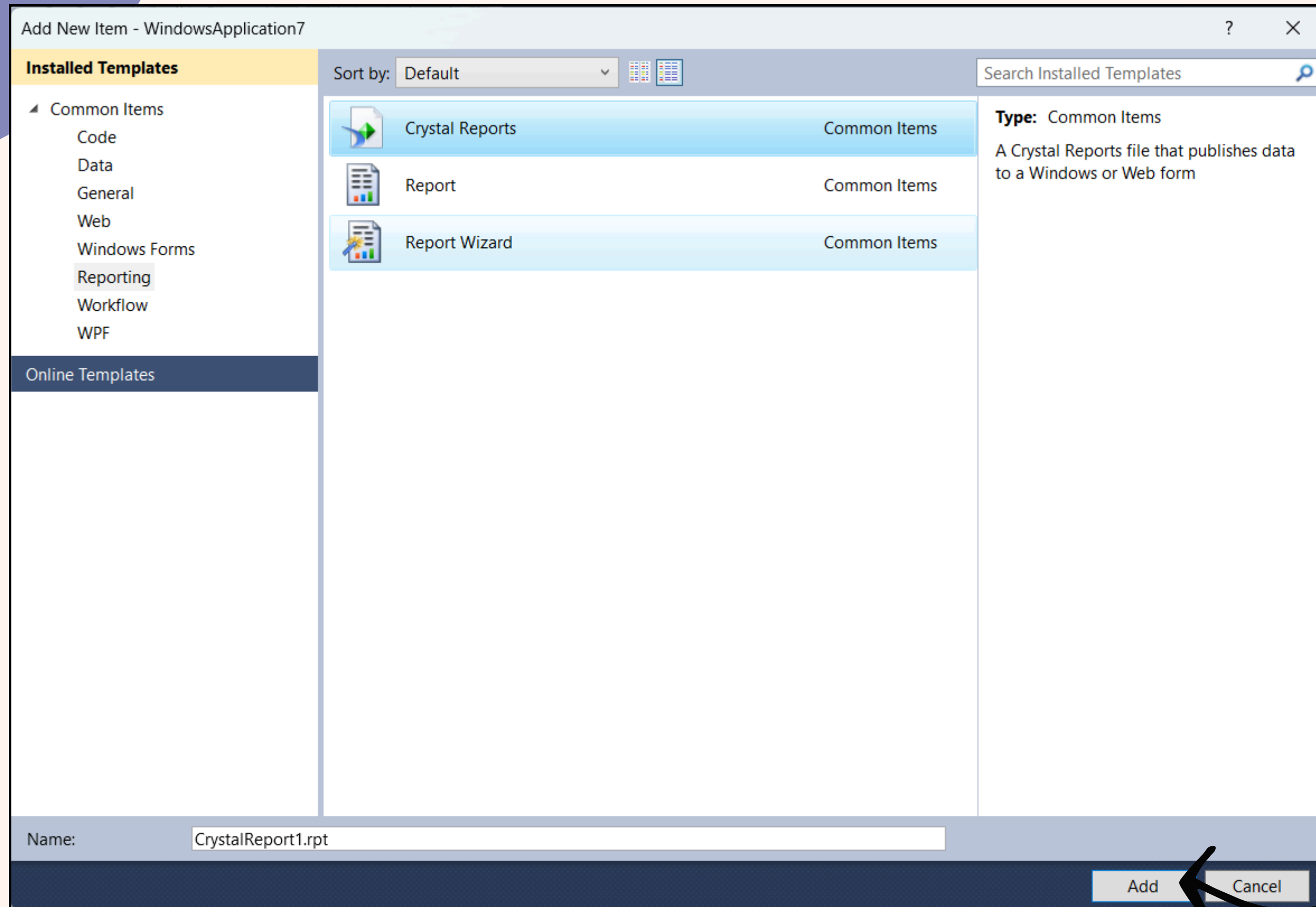
Go to **Reporting** then

Add **Crystal Reports**
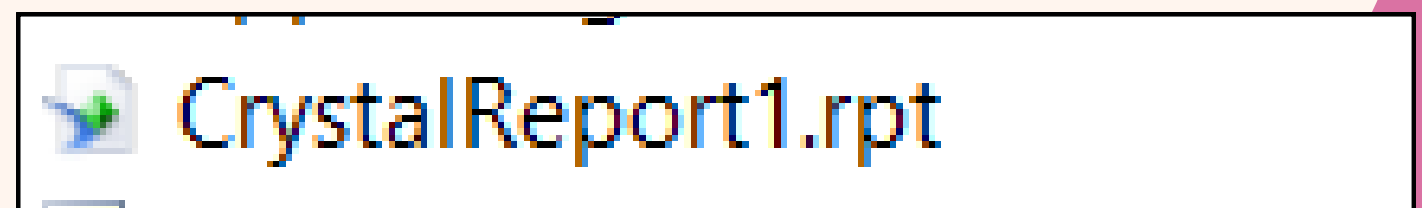
Creating Crystal Report and Importing DataSet
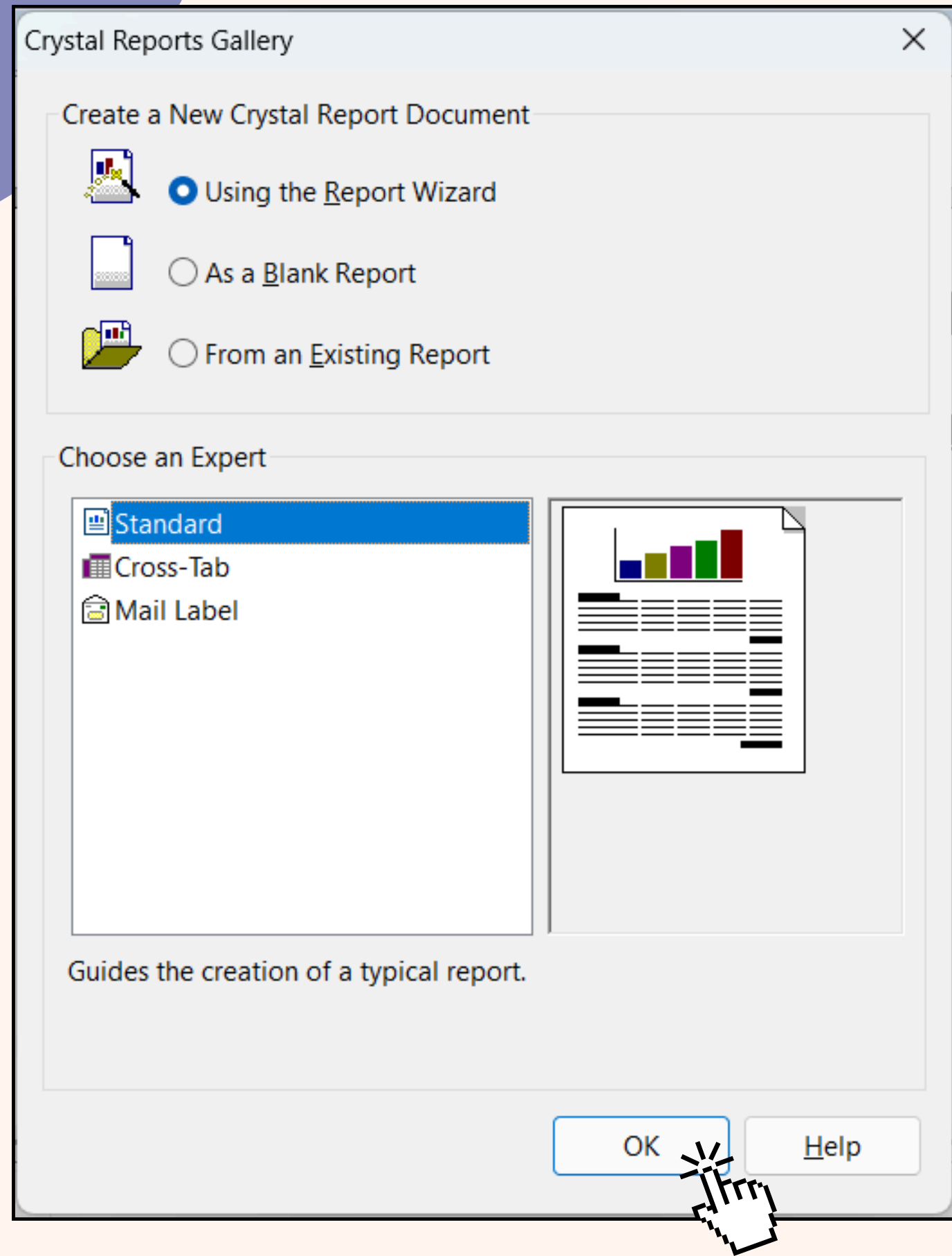
Import the DataSet that we created earlier.
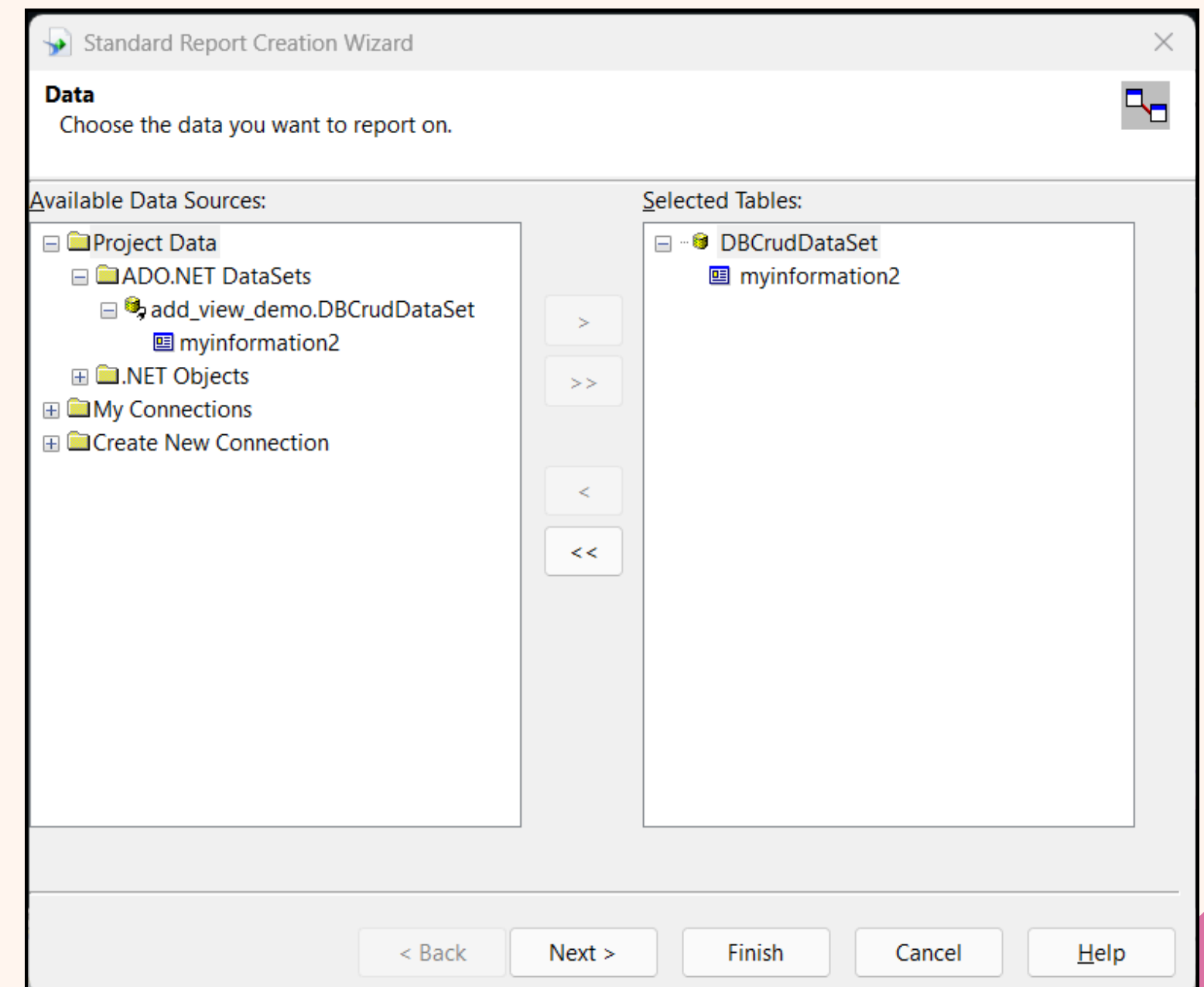
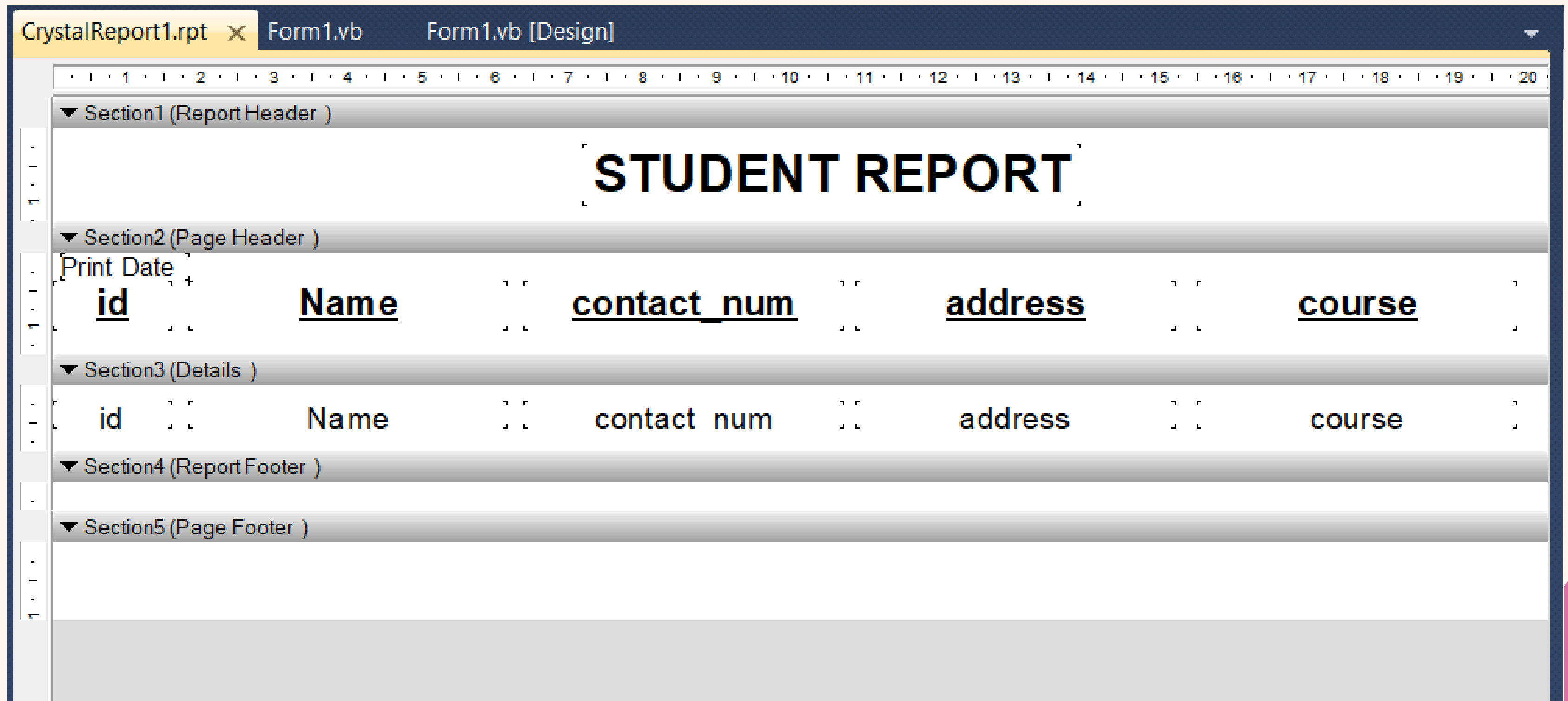# Creating Crystal Report and Importing DataSet
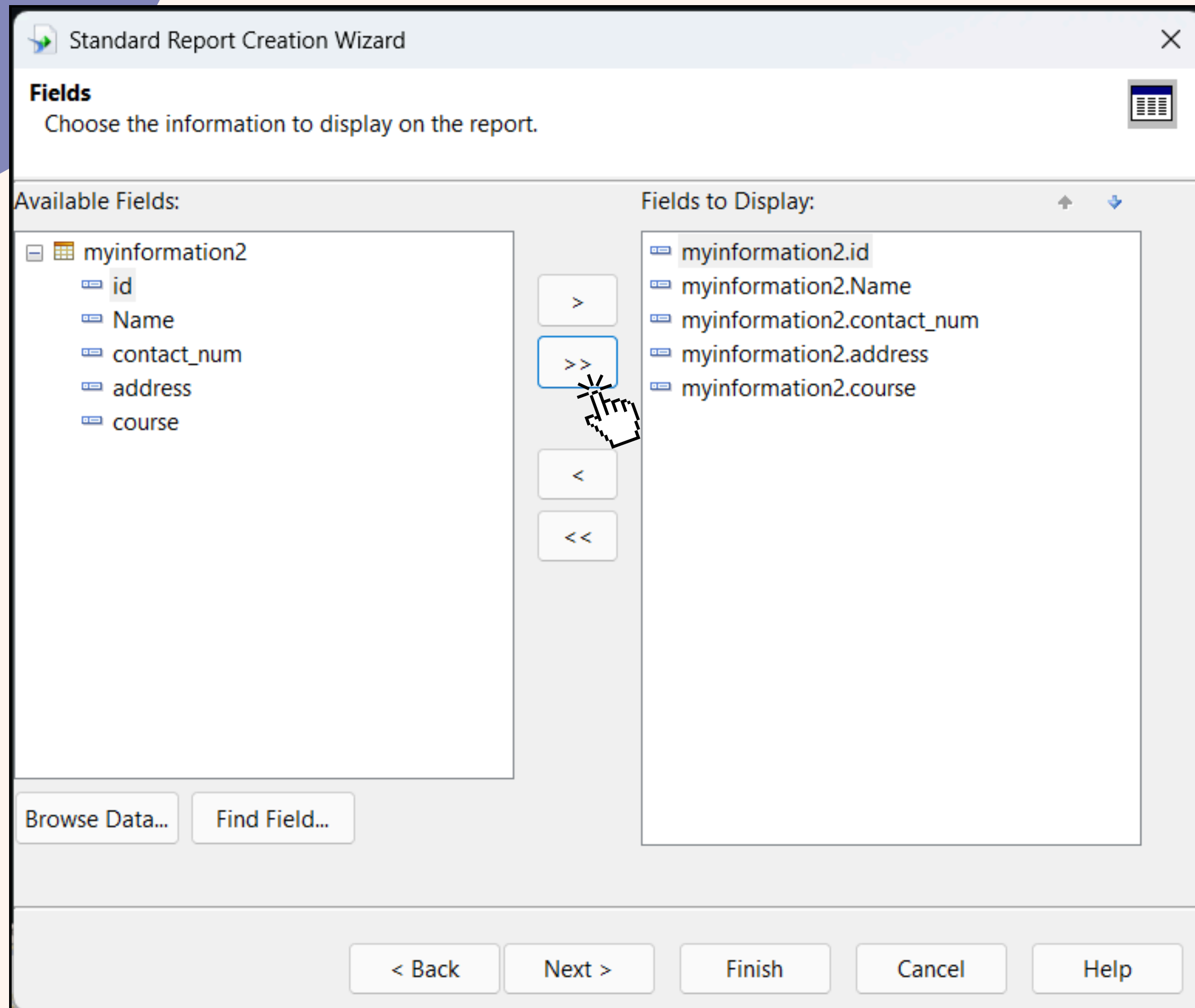
Click on **Finish** after importing all the columns

CrystalReport1.rpt

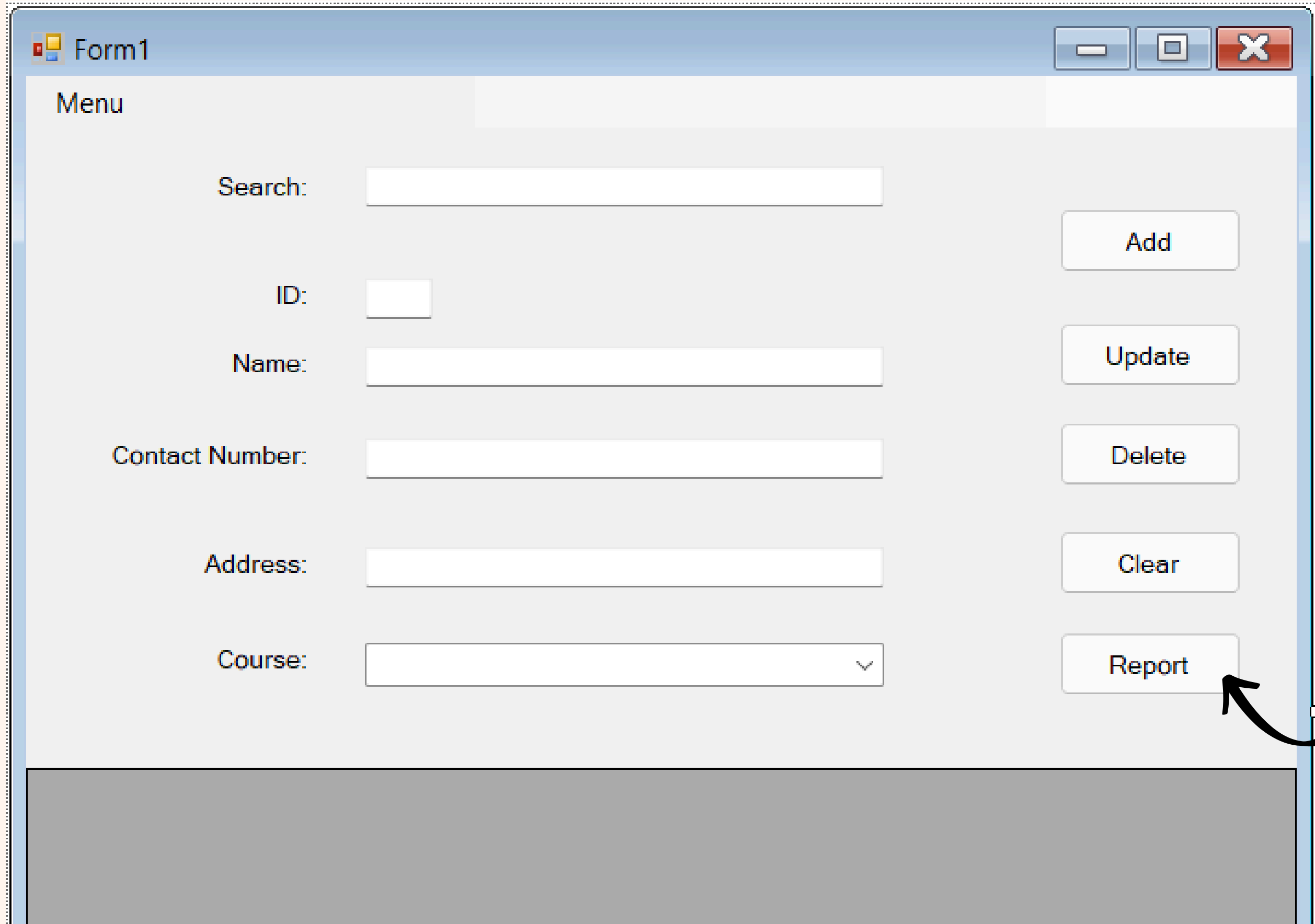# Creating Crystal Report and Importing DataSet

This is the page where data will be display. you can customize it however you like.

Coding

USER INTERFACE
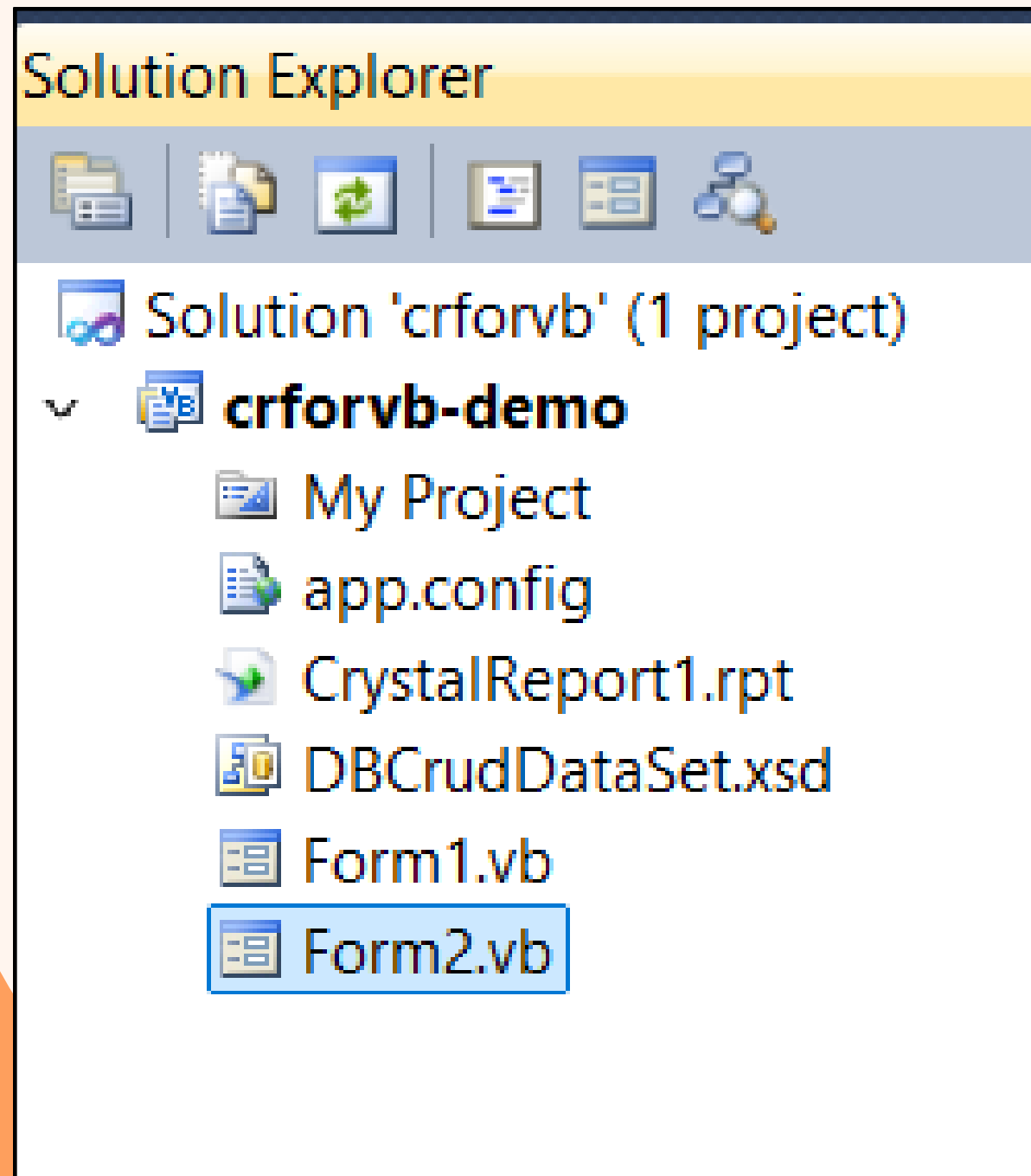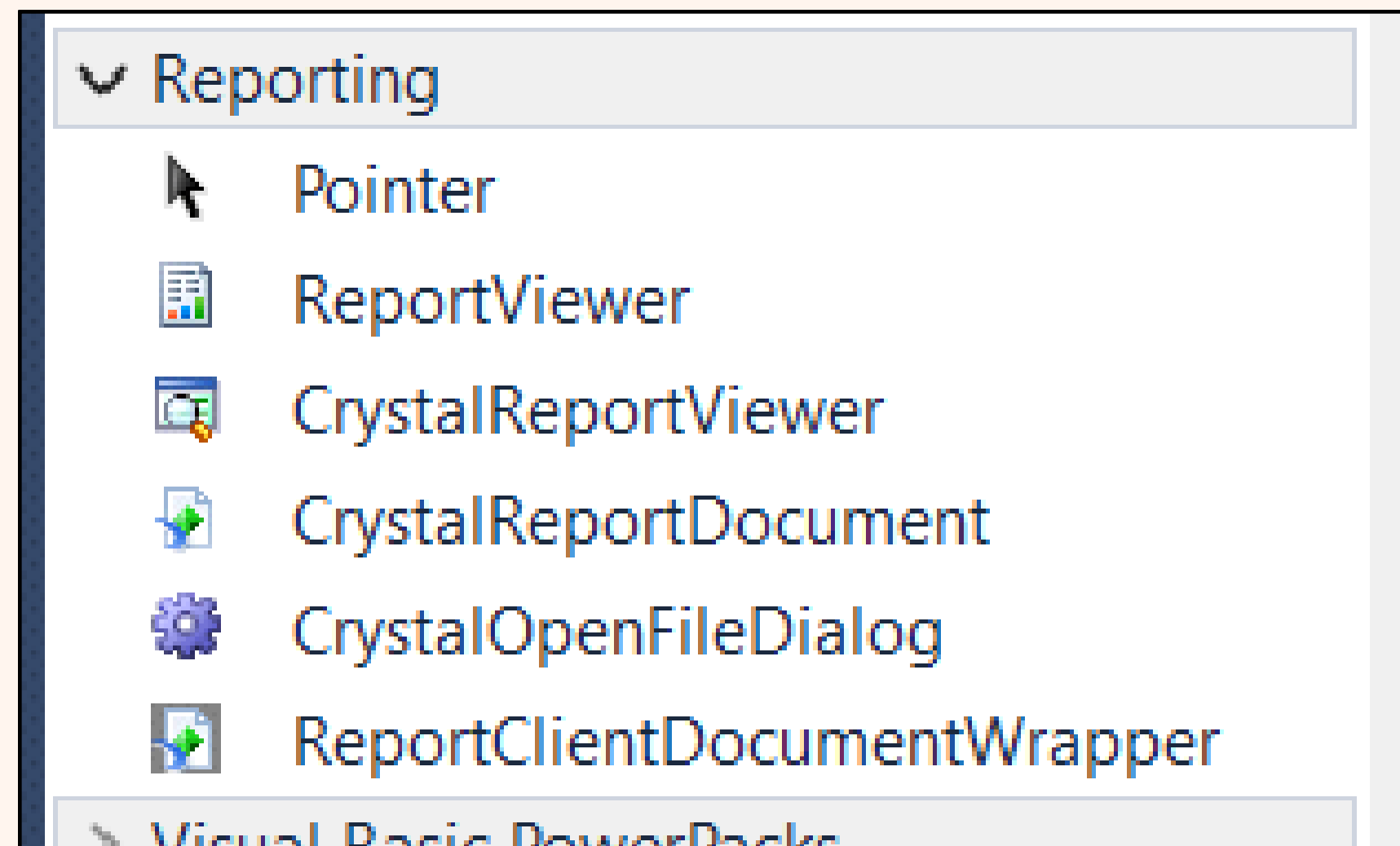
Coding

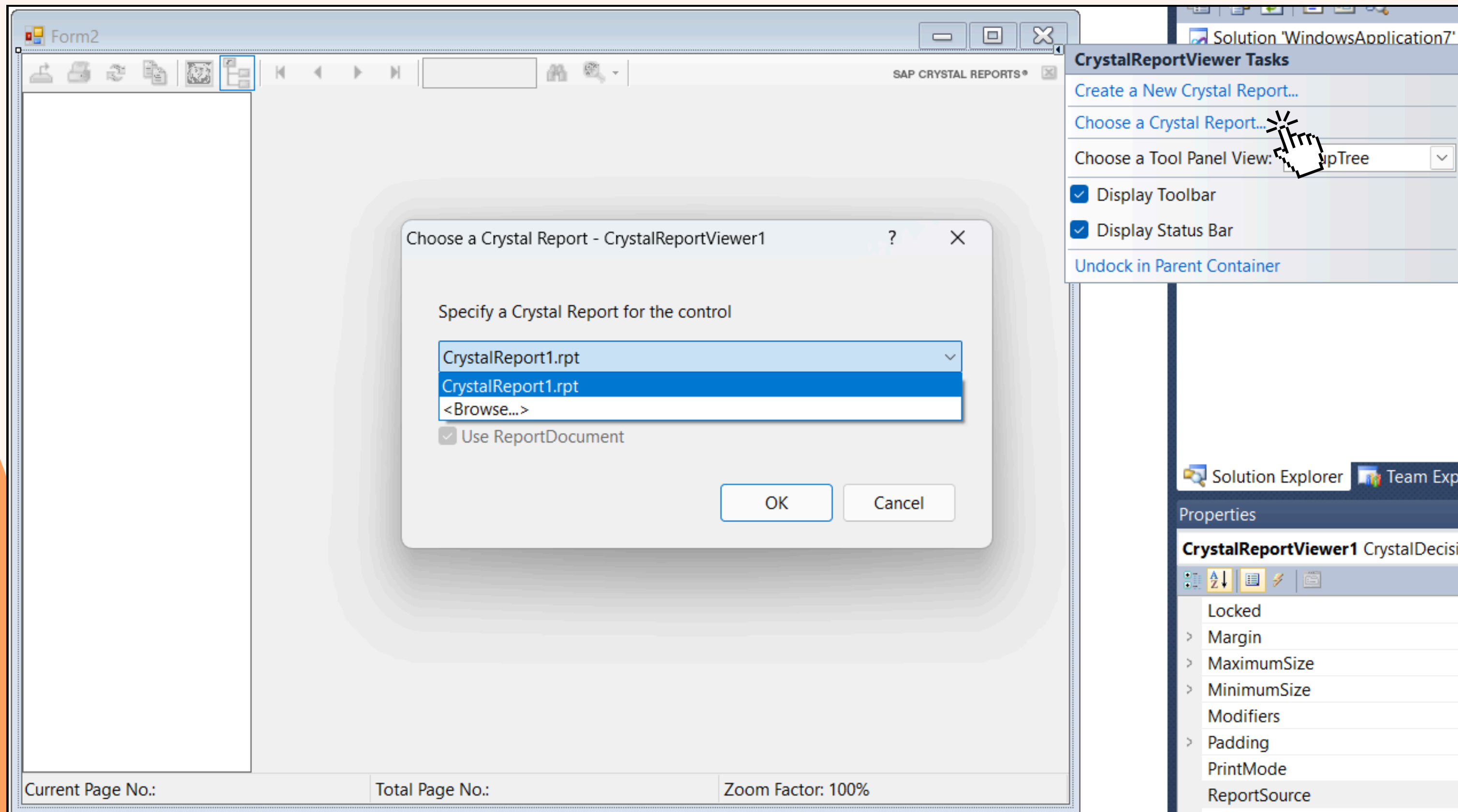Start by creating another **Form**

On **Reporting** Tab in the toolbox, Drag the **'CrystalReportViewer'** into our Form2

Coding

Import the Crystal Report that we have created earlier to the **CrystalReportViewer1**

Coding

btnReport codes:

```vb
Private Sub btnReport_Click(ByVal sender As System.Object,
    Dim report As New CrystalReport1

    report.SetDataSource(dgvInfo.DataSource)
    Form2.CrystalReportViewer1.ReportSource = report
    Form2.CrystalReportViewer1.Refresh()
    Form2.Show()
End Sub
```

RESULT - Crystal Report

STUDENT REPORT

8/31/2025

id	Name	contact_num	address	course
1	Eman Gumayagay	099311231	Val	BSIT
2	Kurt Lance	09122121	Val	BSHM
4	Rian Tambor	09123123	Val	BSIT
5	Jhimmel	092131312	Val	BSHM
7	Mau Chi	0912312	Malinta	BSIT
6	Darren	09123123	Val	BSIT