

This course combines topics from the following courses (any items marked with a * will be covered if time allows).

Topics taken from our **REPORTING SERVICES** course

<p>Introduction to SSRS</p> <ul style="list-style-type: none"> • Visual Studio and SSDT • Solutions and projects • The Visual Studio environment <p>Designing a Simple Report</p> <ul style="list-style-type: none"> • Authoring a report • Using report items • Selecting and formatting report items • Number formats <p>Data sources and datasets</p> <ul style="list-style-type: none"> • Shared data sources • Shared versus embedded datasets • Using Query Designer <p>Tables</p> <ul style="list-style-type: none"> • Structure of a table • Formatting tables • Inserting rows • Interactive sorting • Repeating page headers <p>Grouping tables</p> <ul style="list-style-type: none"> • Using the grouping panes • Row and column groups • Displaying subtotals • Outlining <p>Expressions</p> <ul style="list-style-type: none"> • Calculated fields • The ReportItems collection • Using built-in fields • Conditional formatting - expressions <p>Pages and printing</p> <ul style="list-style-type: none"> • Page headers and footers • Pagination between groups • Header and footer expressions 	<p>Parameters</p> <ul style="list-style-type: none"> • Using query parameters • Creating drop lists • Multi-value drop lists • Formatting using parameters <p>Indicators</p> <ul style="list-style-type: none"> • Creating indicators • Changing the symbols displayed • Stopping indicators stretching <p>Gauges</p> <ul style="list-style-type: none"> • Creating and formatting gauges • Gauge panels • Pointers, scales and ranges <p>Matrices</p> <ul style="list-style-type: none"> • Areas of a matrix • Sorting and grouping matrices • Creating and formatting subtotals <p>Charts</p> <ul style="list-style-type: none"> • The areas of a chart • Creating charts • Formatting charts <p>Data bars and sparklines</p> <ul style="list-style-type: none"> • Need for a grouped row • Creating data bars • Creating sparklines <p>Lists (*)</p> <ul style="list-style-type: none"> • Creating and formatting lists • Grouping using lists • Using rectangles in lists 	<p>Subreports (*)</p> <ul style="list-style-type: none"> • Creating a child report • Creating the main report • Creating and formatting subreports <p>Drill-through reports</p> <ul style="list-style-type: none"> • Parent and child reports • Creating actions • Passing values to a child report <p>Maps (*)</p> <ul style="list-style-type: none"> • ESRI shapefiles / SQL spatial data • Linking to datasets • Map layers • Center points and point layers <p>Deploying reports</p> <ul style="list-style-type: none"> • Setting the target server • Deploying an entire project • Deploying single reports <p>The SSRS web portal</p> <ul style="list-style-type: none"> • Browsing to the web portal • Viewing reports • Managing reports <p>KPIs and mobile reports (*)</p> <ul style="list-style-type: none"> • Creating a KPI • Installing Mobile Report Publisher • Creating a mobile report <p>Subscriptions (*)</p> <ul style="list-style-type: none"> • How subscriptions work • Creating a new subscription • Managing subscriptions
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Topics taken from our **ADVANCED SSRS** course

Advanced expressions

- Understanding scope
- Using RowNumber
- Running totals

Variables

- How variables work
- Report variables
- Group variables

Embedding code

- Setting code for a report
- Calling functions in expressions
- Better ways to write code

Using SQL views

- Why views are a good idea
- Designing views
- Scripting views
- Creating virtual tables

Stored procedures in SSRS

- Pros and cons of stored procedures
- Server Explorer vs SSMS
- Creating and editing procedures
- Using for reports

Stored procedure parameters

- Creating report parameters
- Refreshing fields
- Default and null values

Dropdowns with procedures

- The stored procedures needed
- Cascading dropdowns
- Replacing SELECT A VALUE

Multivalue parameter procedures (*)

- Splitting the choices made in SQL
- Displaying the chosen data
- Restricting the number of choices

Improving report navigation

- Document maps
- Using bookmarks
- Setting tooltips

Dynamic reports

- Dynamic datasets
- Dynamic grouping
- Dynamic matrices

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works [here](https://www.wiseowl.co.uk/). For more information, see <https://www.wiseowl.co.uk/>.