Implementing SSRS Report Layouts

GETTING STARTED WITH REPORT LAYOUTS



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Module Overview



Why report layouts are important

- Telling impactful stories

Refining existing reports

- Common occurrence

Tools for building SSRS reports

- Report Designer
- Report Builder

Common data regions

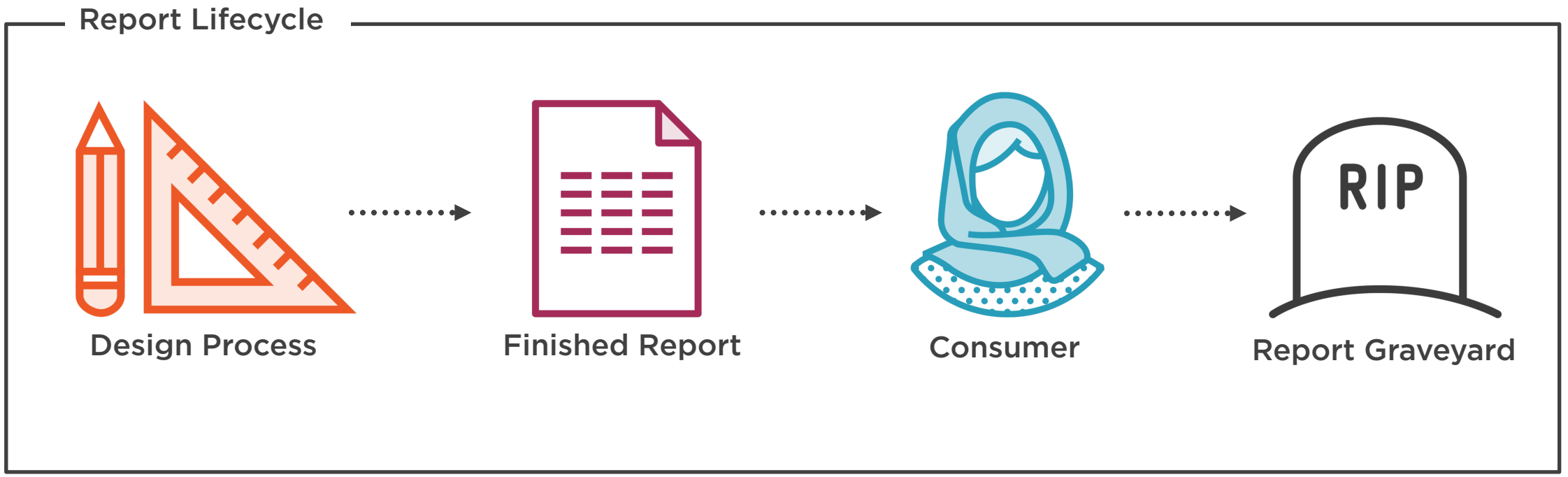
- Tables, matrices, and lists
- Charts, gauges, and indicators

Course overview

- List of topics

Designing Impactful Layouts

Common Report Lifecycle



Why Report Layouts Matter



Like books, great reports tell a story about the data



Delivery format is important
Example: PDF



Should be easy for end-user to read and make informed decisions

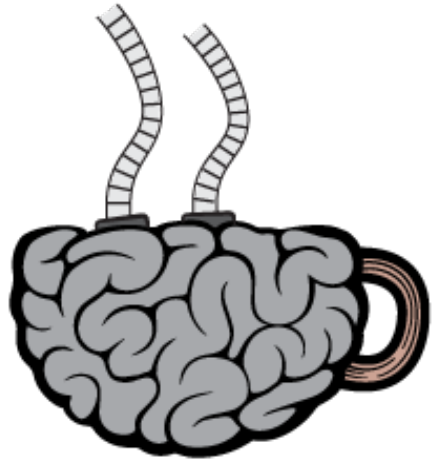


Informative Storytelling

The report should provide the end-user some valuable insight they can easily act on.

Refining Existing Layouts

Setting the Stage



WIRED BRAIN

COFFEE

Setting the Stage



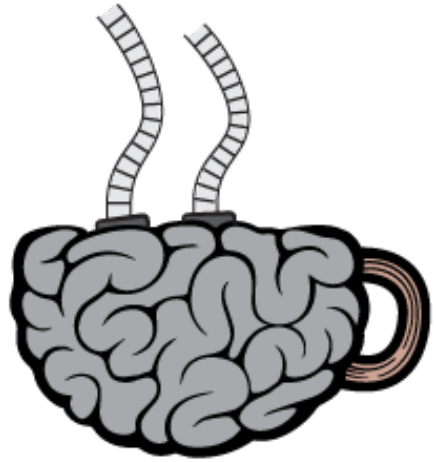
Junior Developer
Existing SSRS reports



Executives
Want standardized look



Business users
Want actionable messaging



WIRED BRAIN
COFFEE

Meeting the Players



Amanda

SQL developer and report designer with a bit of experience



Greg

Experienced business analyst with high expectations of Amanda

Report Building Tools

“Finding the tool is often half the battle.”

Andy Rooney

Tools for Building Reports

Report Designer

Part of Visual Studio and more complex

Report Builder

Separate download and easy to use

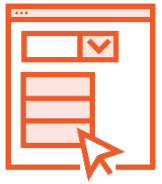
Getting Amanda Started



Needs either Report Builder or Report Designer
Report Builder is used for all demos



Has modern version of SQL Server
All demos will be performed with SQL Server 2019



Has confirmed access to SQL Server Reporting Services

Demo



Setting up our test environment

- Creating our dataset
- Links to resources

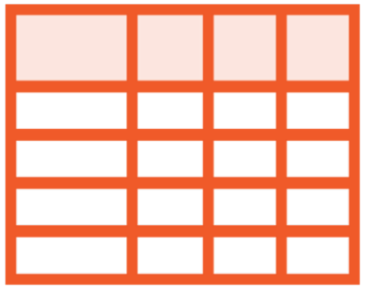
Exploring Data Regions

Data Region

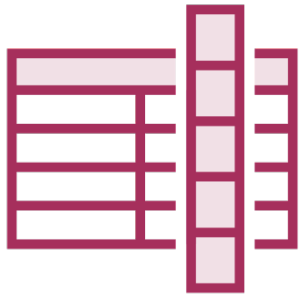
A data region is an object in a report that displays data from a report dataset.

- Microsoft

Primary Data Regions



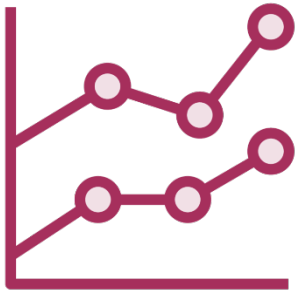
Table



Matrix



List



Chart

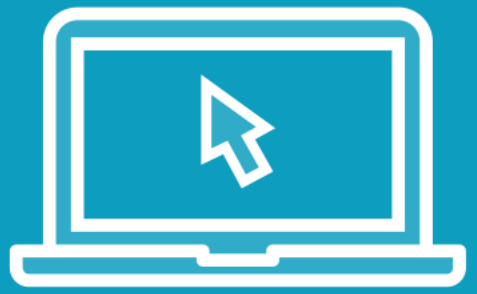


Gauge



Map

Demo



Reviewing report and data regions

- Existing report in need of work

Course Structure

- Customizing Report Layouts
- Creating Variables and Custom Fields
- Creating and Publishing Report Parts
- Designing for Multiple File Formats

What We Covered



Reviewed why layouts matter

- Telling a story

Refining existing reports

- Better presentation

Explored report building tools

- Report Designer
- Report Builder

Reviewed data regions

- Tables, matrices, and charts

Summarized remaining course topics

Up Next:
Customizing Report Layouts