Creating and Publishing Report Parts



Jared Westover
SQL ARCHITECT

@WestoverJared

Module Overview



Exploring report parts

- What are report parts?
- When to use them
- Team collaboration

Creating report parts

- What type of items to use
- Connecting report server
- Naming convention

Publishing report parts

- Publishing workflow
- Permissions to publish
- Checking for updates

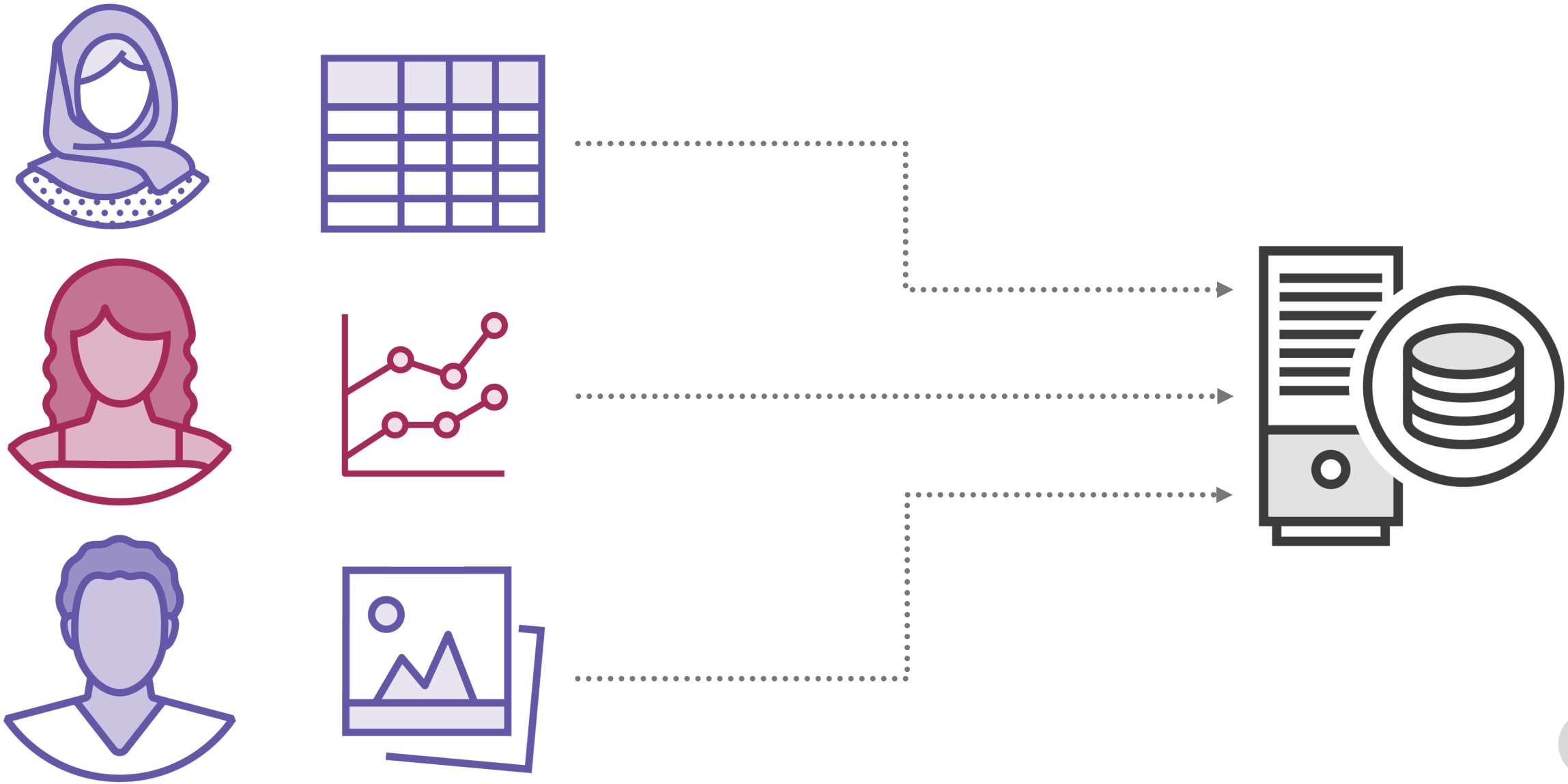
Exploring Report Parts

Report Parts

Report parts are paginated report items that have been published separately to a report server and that can be reused in other paginated reports.

- Microsoft

Why Use Report Parts?





Team Collaboration

A team is working together, striving to create the best reports possible.

Exploring Report Parts



First introduced in SQL Server 2008 R2
Ensure you have appropriate permissions



More commonly used with Report Builder
Behaves differently in Report Designer



A deep understanding of the dataset is not required

Creating Report Parts

Wired Brain's Report Developers



Amanda

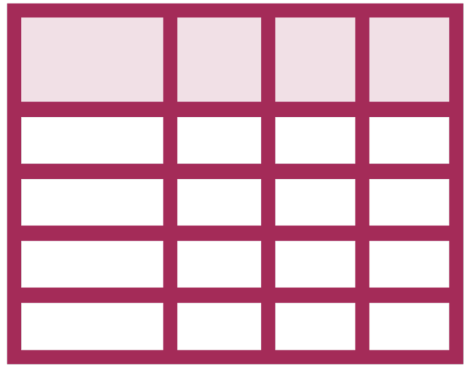
Lead report developer who likes maintaining standards



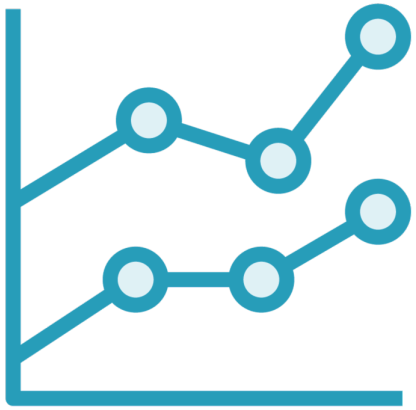
Ravin

Just starting out and hasn't developed reports in the past

Which Items Can Be Report Parts?



Tables



Charts



Rectangles



Lists

Creating Report Parts



Dependent datasets are added automatically
Data sources are also added



Naming conflict with existing report parts
Create a naming convention



Almost any report item can be a report part
Can’t officially save a text box as a report part

Demo



Preparing report items

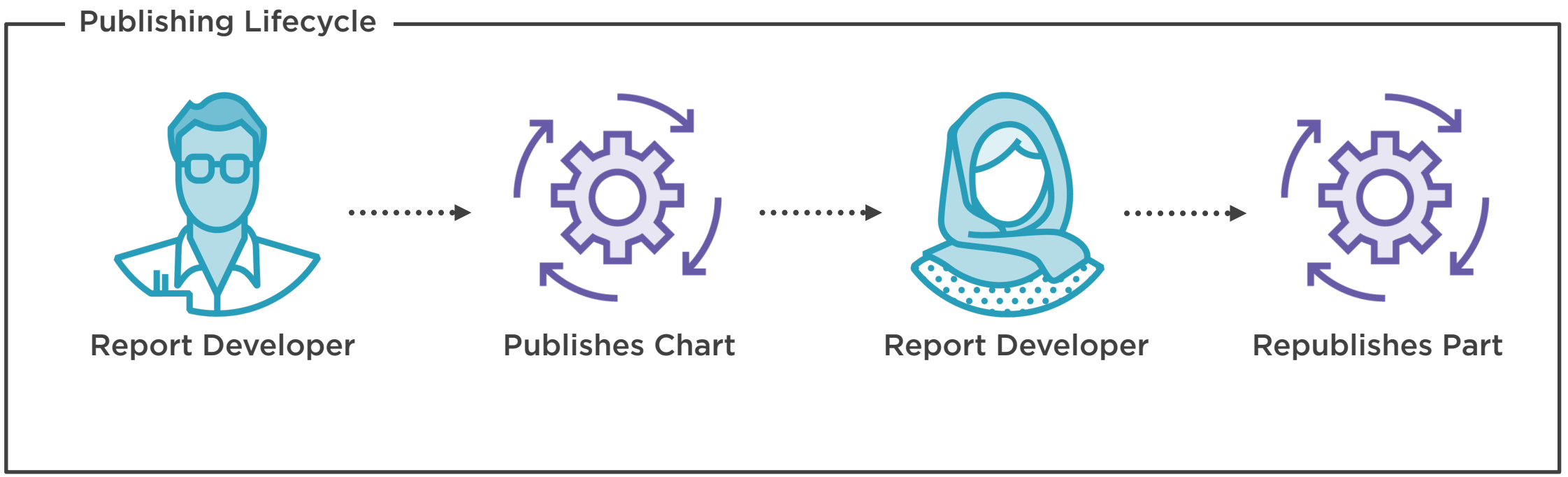
- Rectangle as a place holder
- Connecting to the report server

Publishing and Using Report Parts

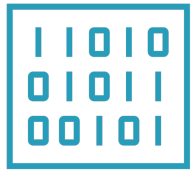
“Share your knowledge. It is a way to achieve immortality.”

Dalai Lama XIV

Publishing Report Parts



Publishing Report Parts



Updates can easily be applied to existing reports

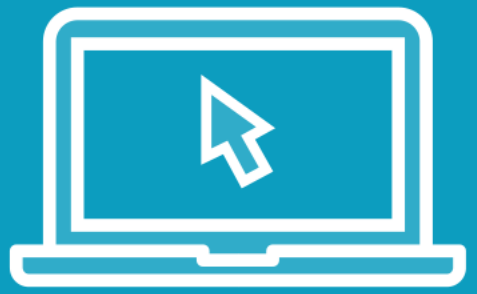


Fixing naming conflicts when loading report parts
Naming report items



Search the report portal for existing parts
Add a detailed description

Demo



Publishing and using report parts

- Publishing a group of parts
- Modifying and republishing

What We Covered



Explored report parts

- When to use them
- Behave differently in designer
- Team collaboration

Created report parts

- Types of parts
- Naming conflicts

Published report parts

- Publishing workflow
- Appropriate permissions
- Checking for updates

Up Next:
Designing for Multiple File Formats