Joining Multiple Sources of Data

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Overview

What are joins?

Types of joins

Joining multiple sources of data

- From the same database
- From separate databases (cross-database)

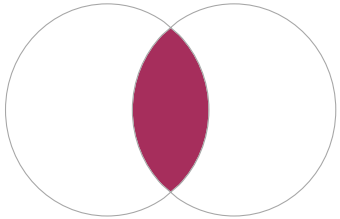
Join using calculations

Joins

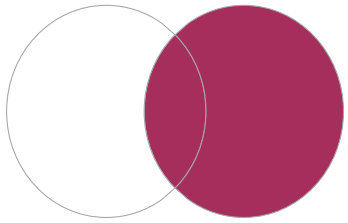
Joining is a method for combining the related data on common fields.

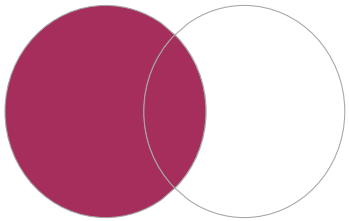
Types of Joins

Inner



Right





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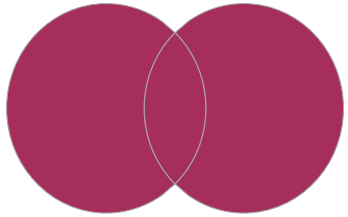

Full Outer

Demo

In this demo, you will learn –

How to join your data

- From the same database
- From separate databases (cross-database)
- Via join calculations

Same Database Joins

Cross-database Joins

Caveats

- Can not union tables from different databases
- Only a subset of calculations can be used in a multi-connection data source
- Stored procedures are not supported for multi-connections data sources
- You can not include columns from different databases when using the pivot functionality

Join via Calculations

Summary

In this module, we learnt –

Same database joins

Cross database joins

Join calculations

Things to Remember

The data type of the fields must be the same

Joins may result in duplicate records

Joining tables from the same database = better performance

You can not change the name of a join calculation