Management

Lesson 7: Relational Algebra

Video: Algebraic Optimization Overview
6 min

Video: Relational Algebra Overview
4 min

Video: Relational Algebra Operators: Union, Difference, Selection
6 min

Video: Relational Algebra Operators: Projection, Cross Product
4 min

Video: Relational Algebra Operators: Cross Product cont'd, Join
6 min

Video: Relational Algebra Operators: Outer Join
4 min

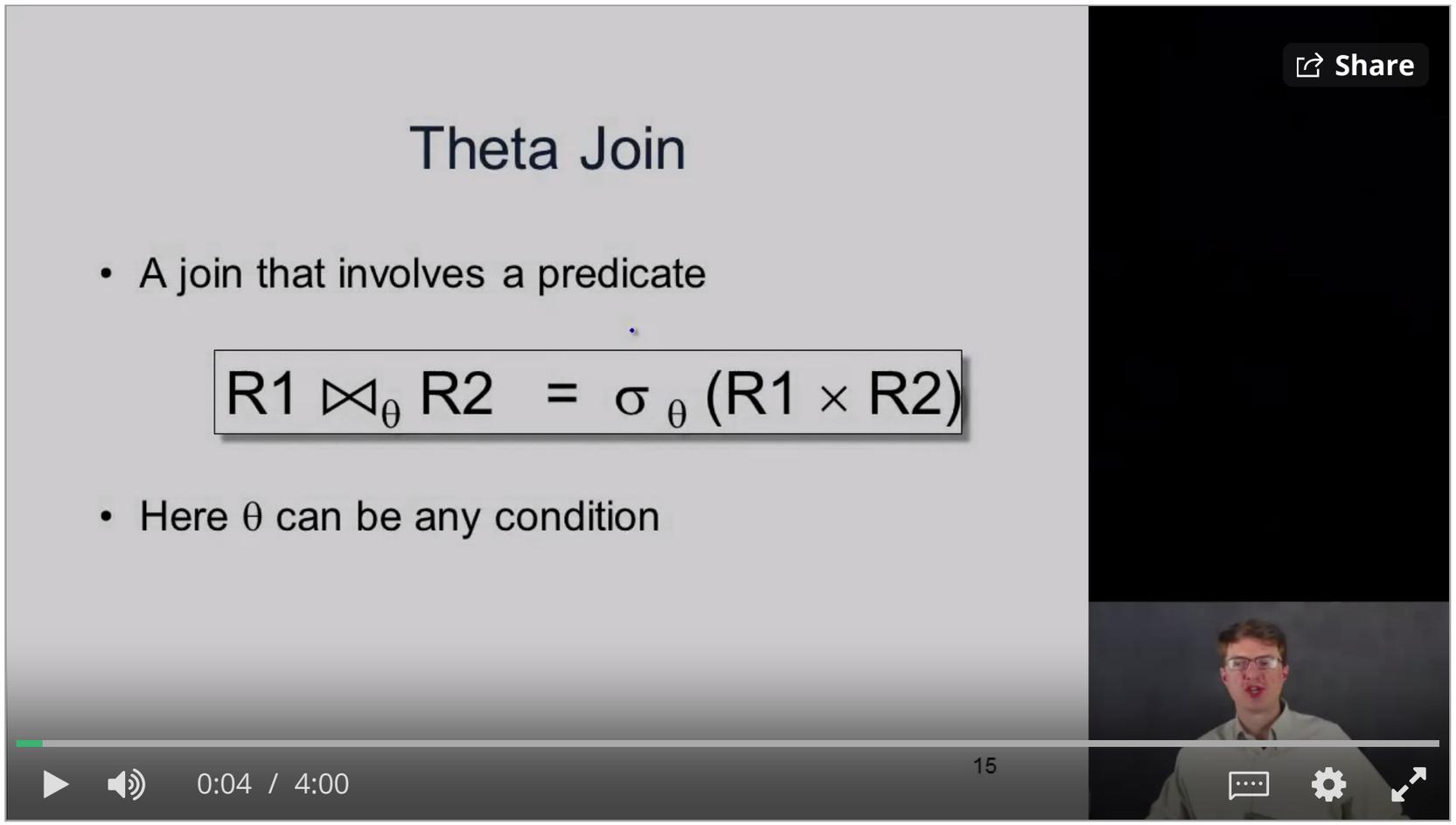
Video: Relational Algebra Operators: Theta-Join
4 min

Lesson 8: SQL for Data Science

Lesson 9: Key Principles of Relational Databases

Assignment 2: SQL

Relational Algebra Operators: Theta-Join



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English

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0:00 [MUSIC] So more generally you can have what we'll call a theta-join. And this is essentially just a join, but the condition here can be anything you want.

0:14 Okay.

0:16 Rather than just an equality condition. This could be greater than or less than or arbitrary functions and so on, okay? And so this all pairs similarity test that I talked about before is an example of a theta-join. And we'll see a more detailed example in a second. So just to point out