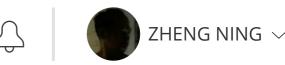
<u></u>





Data Manipulation at Scale: Systems and Algorithms > Week 2 > Relational Algebra Operators: Cross Product cont'd, Join

Prev

Next

Management

Lesson 7: Relational Algebra

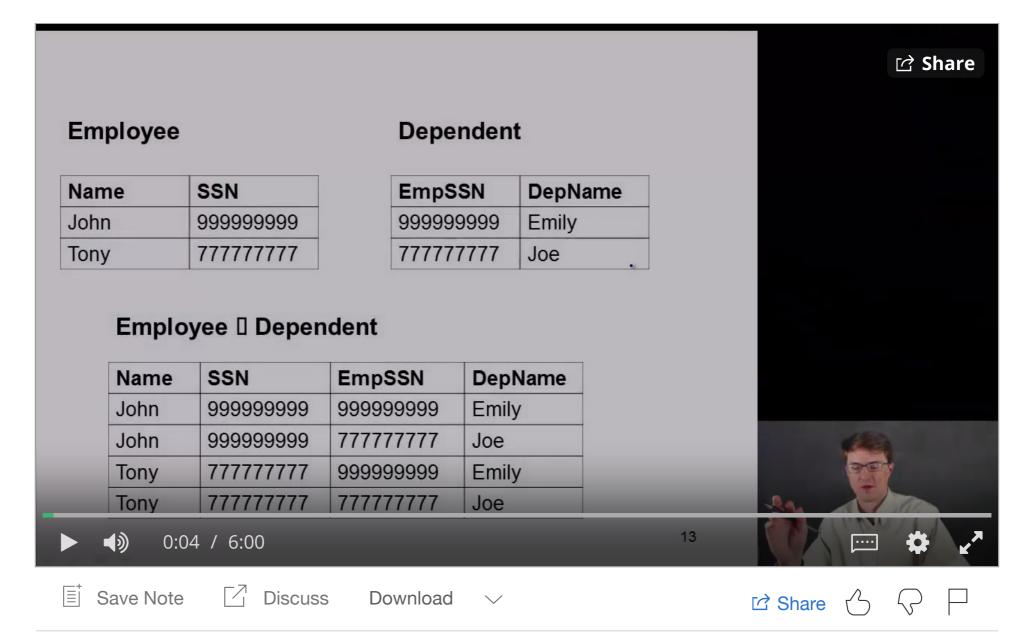
- Video: Algebraic
 Optimization Overview
 6 min
- Video: Relational Algebra
 Overview
 4 min
- Video: Relational Algebra
 Operators: Union,
 Difference, Selection
 6 min
- Video: Relational Algebra
 Operators: Projection,
 Cross Product
 4 min
- Video: Relational Algebra
 Operators: Cross Product
 cont'd, 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: Cross Product cont'd, Join



English

0:01

Help Us Translate

So what does the cross product look like? Well imagine you had table employee with these two columns and a table dependent with these two columns, and we do a, oops there's a, there we do a cross product of employee with dependent. That's all possible combinations of employees with all possible combinations of dependents. So we know there's going to be four in the output. And you can check to see that John is here twice, once for every instance in dependent and so on. All right.

0:39 So now let's talk about join, and I probably maybe should have put a slide in here just about join