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Data Manipulation and Management

Lesson 7: Relational Algebra

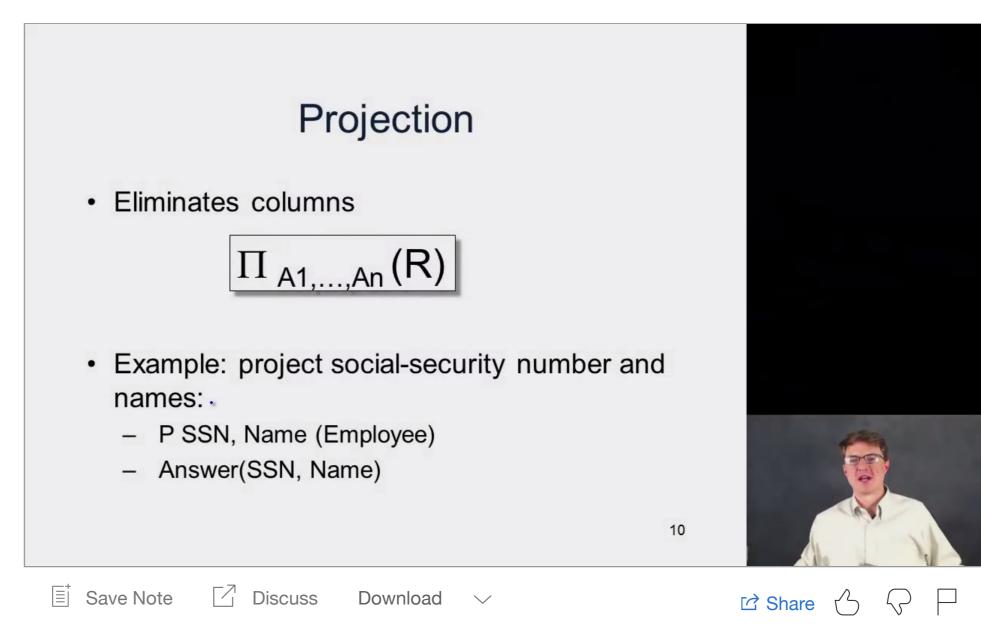
- Video: Algebraic
 Optimization Overview
 6 min
- Video: Relational Algebra
 Overview
 4 min
- Video: Relational Algebra
 Operators: Union,
 Difference, Selection
 6 min
- Video: Relational Algebra
 Operators: Projection,
 Cross Product
 4 min
- Video: Relational Algebra
 Operators: Cross Product
 cont'd,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

Relational Algebra Operators: Projection, Cross Product





0:24

Help Us Translate

- 0:00 [MUSIC] A project operator eliminates columns, and this is another one where you have to be sort of careful about set versus bag. So when you see a projection in the set semantics, you're going to remove all columns that aren't explicitly listed.
- 0:19 But you're also gonna remove all duplicates that might remain, okay?
 - So, if I project away all columns except for the last name, then you might think I get Bob Smith and John Smith and I get rid of first name, I'm left with two tuples or one tuple? Well in set