

# Lecture 8B

## Where We're At

- HW3 due today
- HW4 coming soon after a re-sync
- Schedule: More Advanced Data Problems

## More Fun with Aggregates

- Aggregate & non-aggregate columns
- HAVING

## More Fun with Joins

- OUTER joins - including things that don't match!
- Let's do the People database
- Null gets important!

## Testing Multiple Values

'IN'

'IN' with a subselect...

## More Fun with NULL

- NULL = NULL is NULL
- NULL IS NULL
- NULL IS NOT DISTINCT FROM NULL

## Subselects and Views

Authorships and First-Authorships