Group By and Having

Breaking up isn't all that hard to do

Overview

- **Franchise database**
- **Group By**
  - □ Breaks up table
- **Having**
  - □ group predicate

Examples

- **Three tables**
  - franchisees
  - stores
  - unified receipts

Aggregate Functions

- **Aggregate calculations**
  - done by group

Having

- **Having is predicate for group**

Trimming Group

- **Where**
  - trims results used by GROUP BY

Multiple Columns

- **Grouping by more than one value**

Group By Calculation

- **Groups identified by a calculation**

Summary

- **Group By breaks up table**
  - groups identified by values/expressions
- **Group By list contains column names and expressions**
- **Select list constrained by Group By list**
- **Aggregate calculations on groups**