**MIND OVER DATA**

**CFTraining**

**Exercise 2**

**Objectives:** To learn about cfinclude, SQL formatting, and ColdFusion security measures using the Employee Contacts Application.

**Requirements**

1. Consolidate code from multiple templates.
2. Make SQL more transportable between database types.
3. Protect the database from hacks.
4. Make the SQL code run faster.
5. Make SQL more readable.

**Implementation**

1. Find code that is in multiple templates (cfm files) and replace with includes of external files.

**Example:** add a header and footer to every page using **<cfinclude>**.

1. Use of **<cfqueryparam>** makes SQL code more transportable between database types (Oracle & MySQL).
2. Use of **<cfqueryparam>** protects the database from hacks.
3. Use of **<cfqueryparam>** makes SQL code run faster.
4. Format SQL so it has 1 field per row for readability.

**Example:** **Select** name

,name

,name

**From** name

**Where** name = name