A Visual Query Builder: Simplifying Data Selection

Steps to Build a Query

1. Select fields to fetch
2. Select fields to filter
3. Select ranges of numerical data
4. Select categorical data
5. Relate selections
6. Select logical operations

Resulting Query

Approach
- Visually display overview of data
- Provide “widgets” for user to interact with and make selections in the data
- Guide user to visually build a query

Benefits
- Simplifies query building for both non-expert and expert users
- Reduces error and guesswork in query construction
- Improves efficiency, saves time
- Allows discovery of things that were previously invisible
- Lets you see what’s there before you start querying

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DHS Contract# FA8750-08-C-0140