

## Credible Business Intelligence:

### BI Administration: Joins and View Creation Process

## Joining Two Tables

Join on the common field:  
**Pet**

Pet	Species	Pet	Toy
✓ Buddy	Dog	✓ Buddy	Squeaky bone
✓ Fluffy	Cat	✓ Fluffy	Catnip Mouse
✗ Felix	Cat	✗ Sherlock	Tennis Ball
✓ Douglas	Dog	✓ Douglas	Kong toy
✗ Petey	Dog	✗ Mittens	Rubber hedgehog
		✗ Gonzo	Rubber Ducky

Inner Join:  
Must be a record  
in each table

Pet	Species	Toy
Buddy	Dog	Squeaky bone
Fluffy	Cat	Catnip Mouse
Douglas	Dog	Kong toy

## Joining Two Tables

Join on the common field: **Pet**

Pet	Species	Pet	Toy
✓ Buddy	Dog	✓ Buddy	Squeaky bone
✓ Fluffy	Cat	✓ Fluffy	Catnip Mouse
✓ Felix	Cat	✗ Sherlock	Tennis Ball
✓ Douglas	Dog	✓ Douglas	Kong toy
✓ Petey	Dog	✗ Mittens	Rubber hedgehog
		✗ Gonzo	Rubber Ducky

Left Outer Join: Shows all records in the left table

Pet	Species	Toy
Buddy	Dog	Squeaky bone
Fluffy	Cat	Catnip Mouse
Felix	Cat	
Douglas	Dog	Kong toy
Petey	Dog	

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## “Left” Matters!

Join on the common field: **Pet**

Pet	Species	Pet	Toy
✓ Buddy	Dog	✓ Buddy	Squeaky bone
✓ Fluffy	Cat	✗ Fluffy	Catnip Mouse
✓ Felix	Cat	Sherlock	Tennis Ball
✓ Douglas	Dog	✓ Douglas	Kong toy
✓ Petey	Dog	✓ Mittens	Rubber hedgehog
		✗ Gonzo	Rubber Ducky

Left Outer Join: Shows all records in the left table

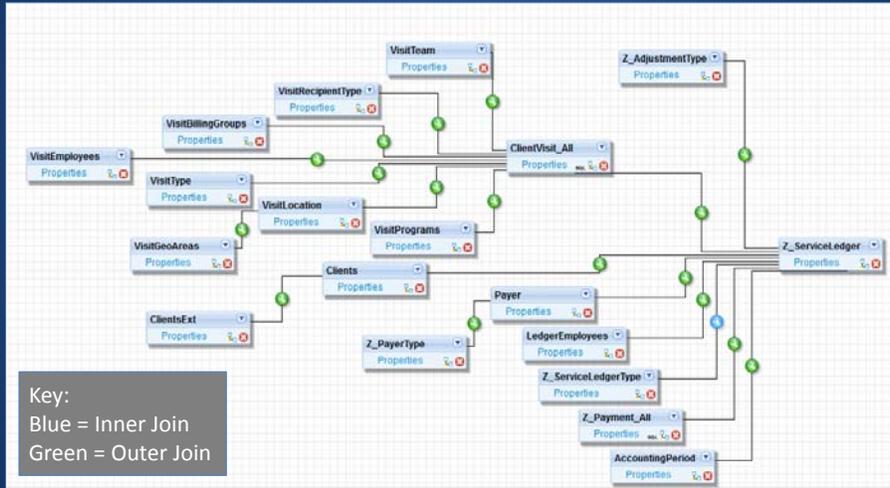
Pet	Species	Toy
Buddy	Dog	Squeaky bone
Fluffy	Cat	Catnip Mouse
Sherlock		Tennis Ball
Douglas	Dog	Kong toy
Mittens		Rubber hedgehog
Gonzo		Rubber Ducky

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# View with Joins



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# Views

**Administration**

Let's make this easy.

You can configure and manage your instance from this Admin Console to tailor your CredibleBI experience.

Remember to save your changes as you configure your environment.

**License Days Left**  
License expires  
May 14, 2016 **176** Days

**Views**

View	Description
BITRAINING_CONN	244 Views
All - Creating Views	All - Creating Views
Angle Practice View	Practice for BI Class
Angle Practice View (Copy)	Practice for BI Class
Angle Practice View John Version	Practice for BI Class
AS Practice View Exercise	AS Practice View Exercise
BI - Table Structure - Bed Board	From the facility to the visit

[Add](#)

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## View Building Process

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### Analyze Problem & Plan for New Solution

- Plan
- Critical to understand what report builders and readers need

2

### Build View & Create Calculated Fields

- Select fields
- Select columns
- Establish joins

3

### Define Fields

- Organize fields into categories
- Set calculated fields when possible/needed

4

### Publish View

- Define access
- Test before expanding access
- Monitor and adjust

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**CREDIBLE**  
Behavioral Health Software

## View Building Steps



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**CREDIBLE**  
Behavioral Health Software

## Drag and Drop Editor

✕
➤
Initialize View

**I want to author the view using:**  
Drag and Drop Editor ▼

**The data I need for my view is sourced from:**  
BITRAINING\_CONN ▼ ⓘ

**Category List:**  
Client ▼ ⓘ  
[Edit Categories](#)

Click here to continue

Once leaving this page, you cannot return to it.

## View Categories

**View categories** are used to limit available folders for field categories when making a new view. Only those appropriate to the type of report will see the category.

✕
➤
Initialize View

**I want to author the view using:**  
Drag and Drop Editor ▼

**The data I need for my view is sourced from:**  
BITRAINING\_CONN ▼ ⓘ

**Category List:**  

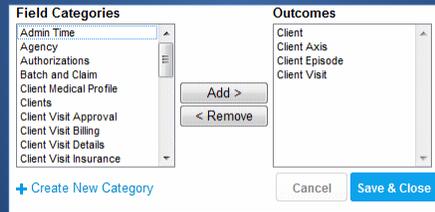
-- Select Category --
-- Select Category --
Client
Credible
Financial
Forms
General
Medical
Outcomes
Productivity
Residential
Services

cannot return to it.

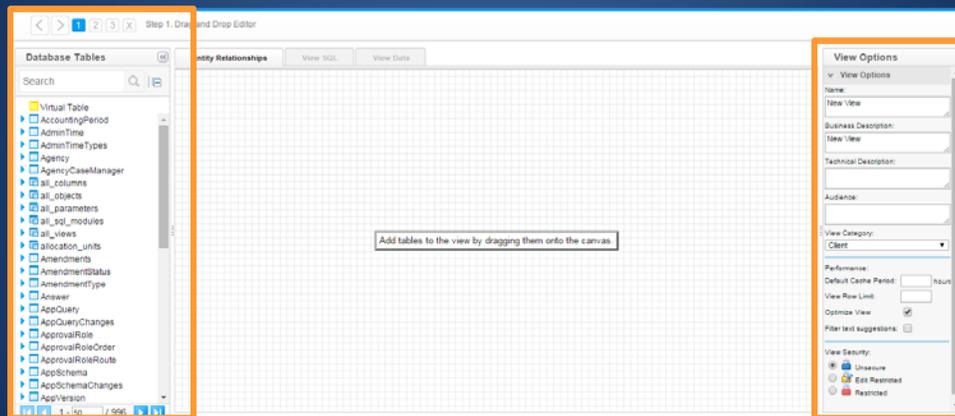
## Field Categories

### Field Categories

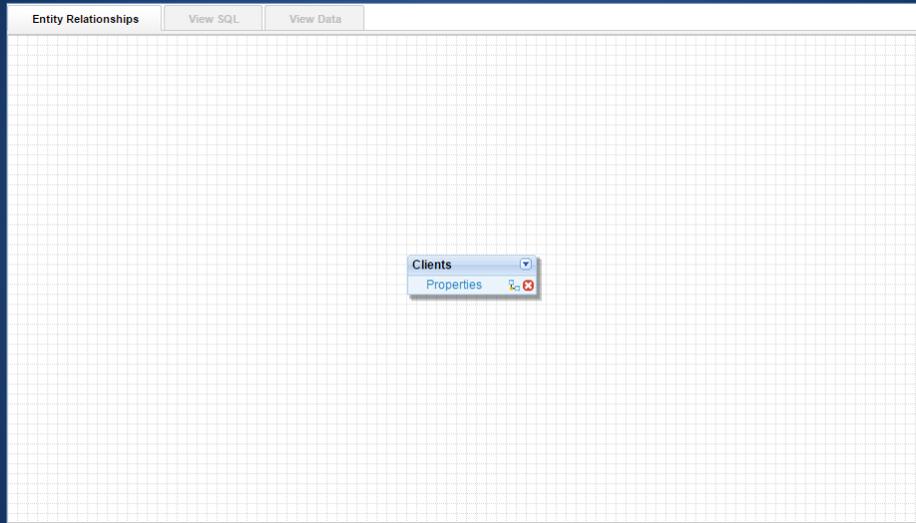
- Folders containing the fields made available for report building
- Can utilize table names or other appropriate descriptions



## View Building Area



## Select the First Table

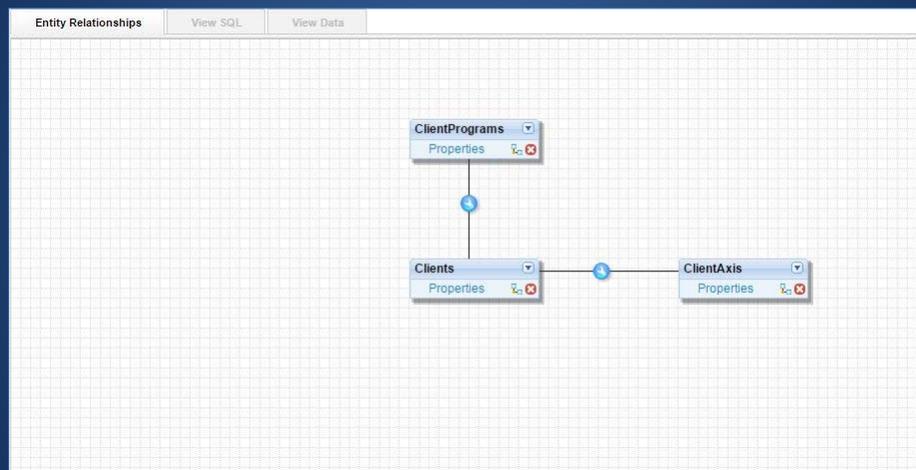


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## View Building Area



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## Define Joins

Define Joins configuration interface:

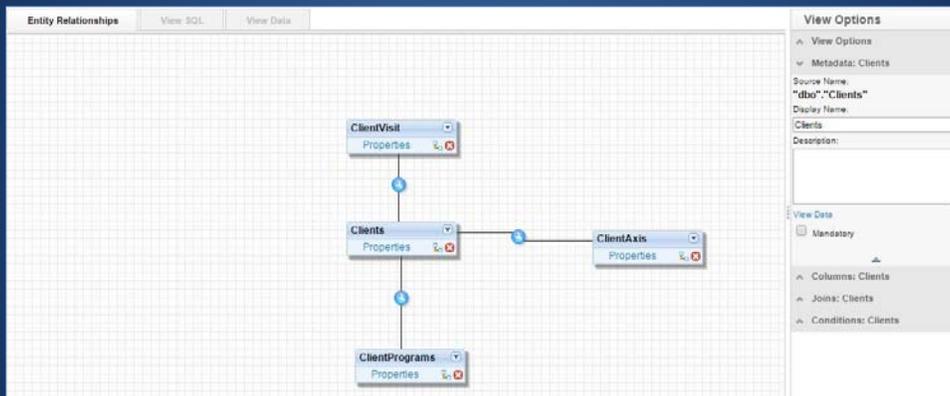
- Join From:** Clients
- Join Type:** Inner Join
- Cardinality:** One to One
- Join To:** ClientAxis
- Buttons:** Delete Join, Save & Close
- Join Details:** None Found. Detect Joins. Select Column --
- Join Logic:** (Empty field)

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## View Options

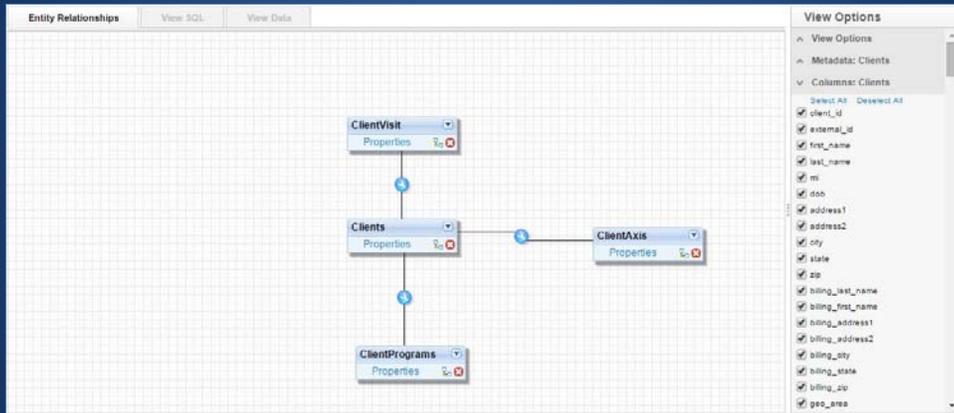


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## Selecting Fields

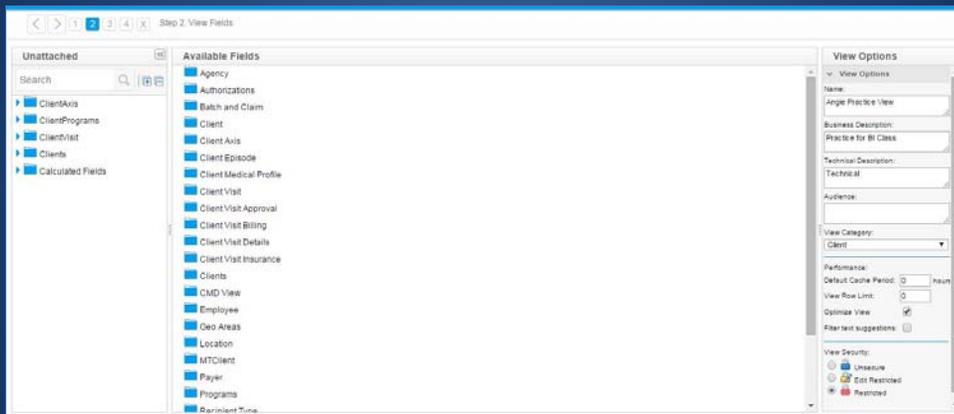


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## Selecting Available Fields

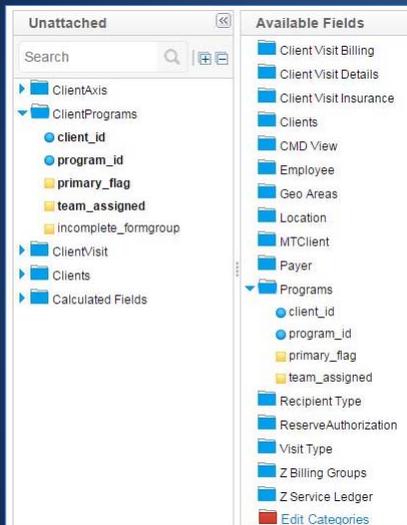


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## Choice of Fields



When viewing available fields, click and drag the elements to the center section. You will notice the **bolded** fields are ones that you added. The fields that were dragged across show in that section.