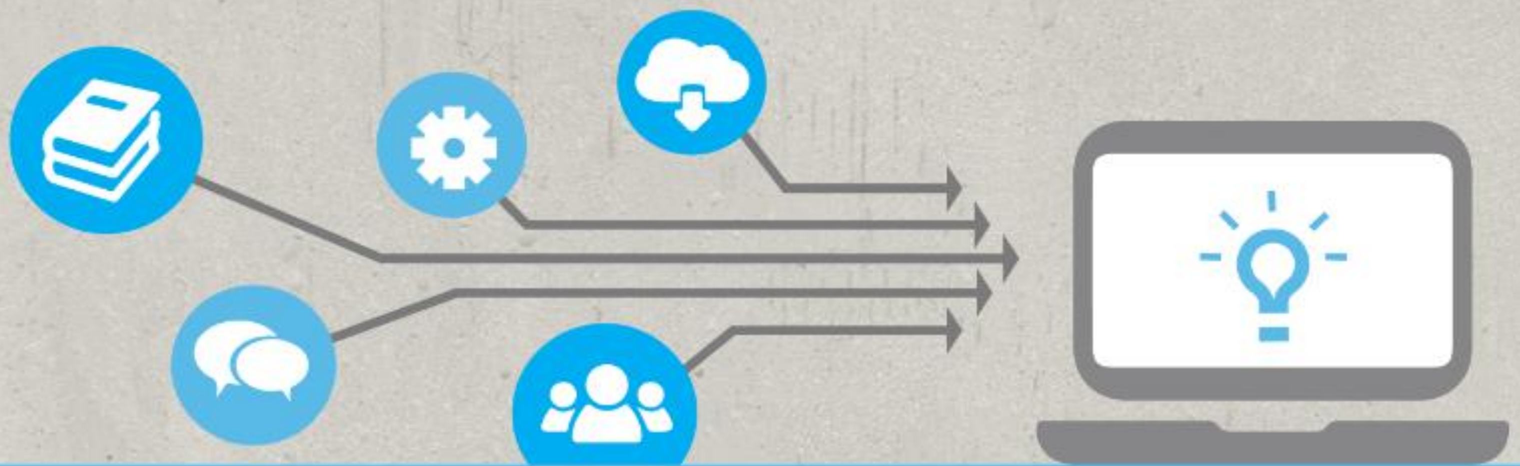


HOW TO REPORT ON TIME SPENT LEARNING

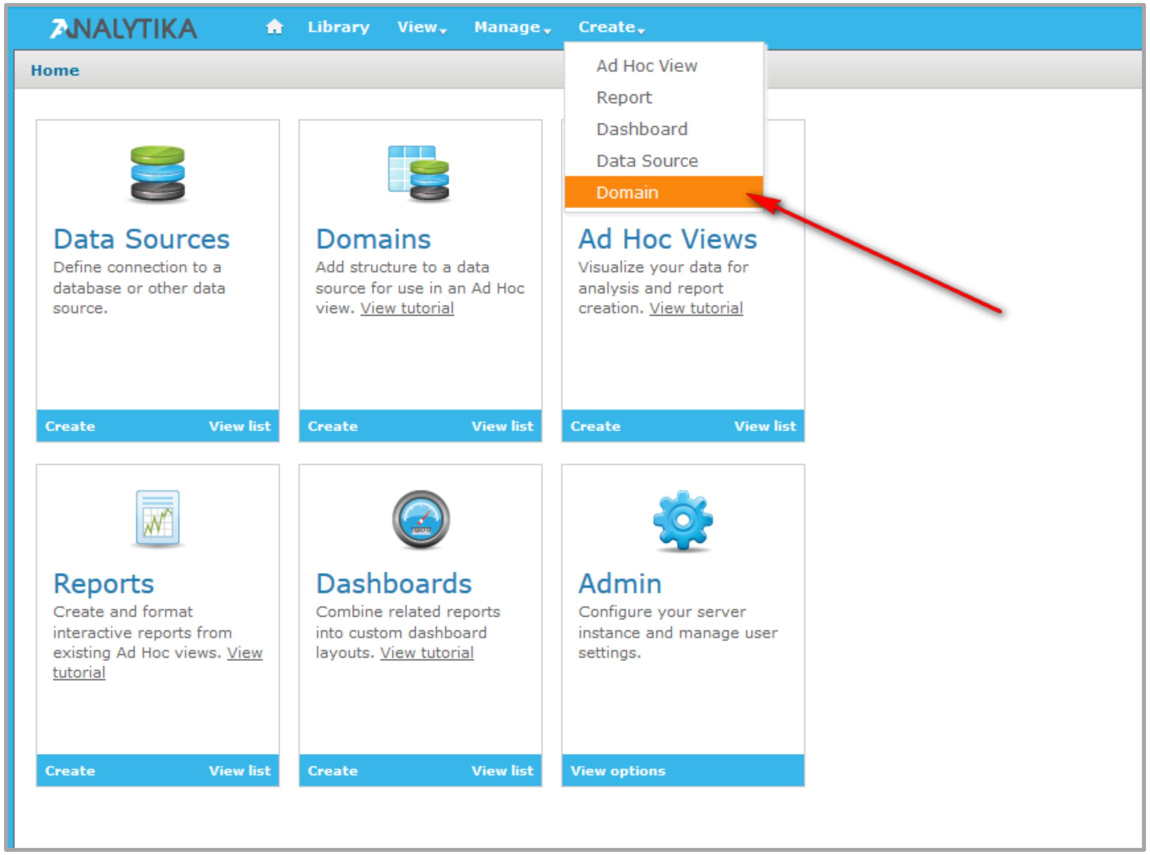
Stewart Rogers, Product Management

Time Spent Learning: Lambda Solutions has introduced an innovative approach to reporting the actual time that learners spend learning. By collecting the time, both by course and module, in the Totara LMS database you are able to use Lambda Analytika to perform real-time reporting on the time spent learning. You have the option to summarize those results however you choose and present it how you want. For example, you might want to compare average amount of time different types of learners spend in a one particular activity and the grades that people are achieving. You can present that as a detailed table or summarized into a column chart.

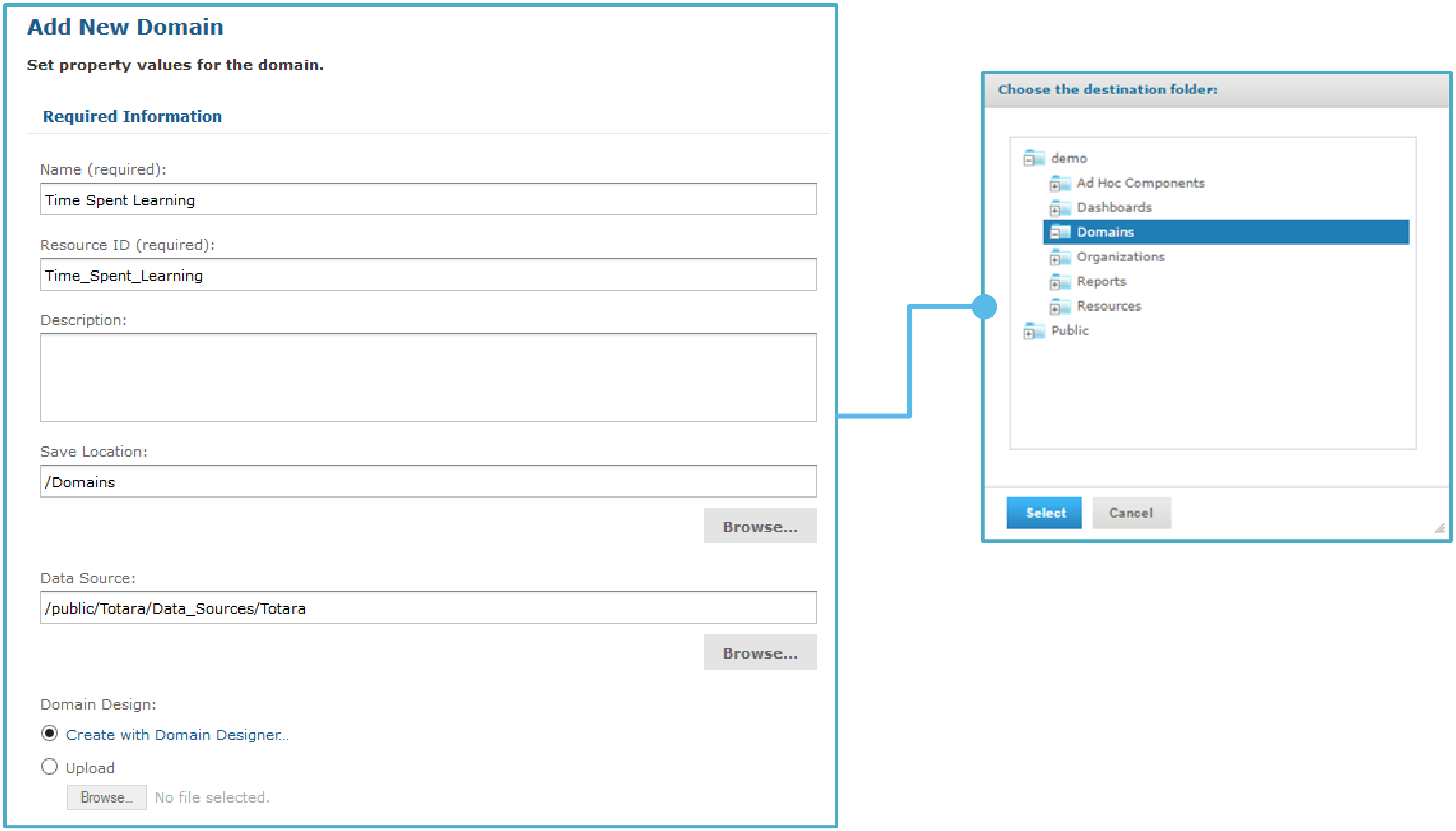
In this how-to guide, we will keep the example simple and build a domain and table that enables you to track how many seconds learners spend in courses per day.

To effectively accomplish this task you should be comfortable with creating domains and ad hoc views.

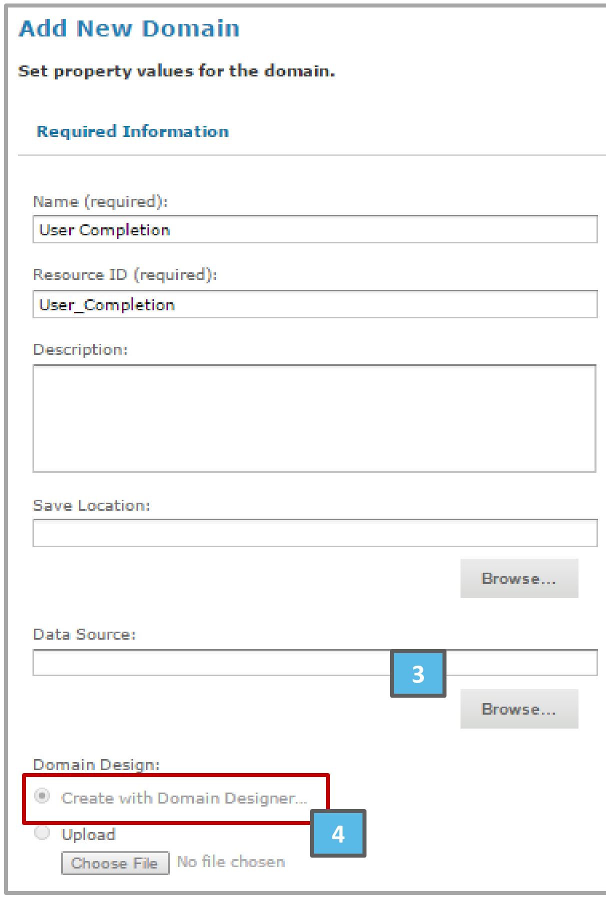
1. From the Home screen, click on **Create** and select **Domain**.

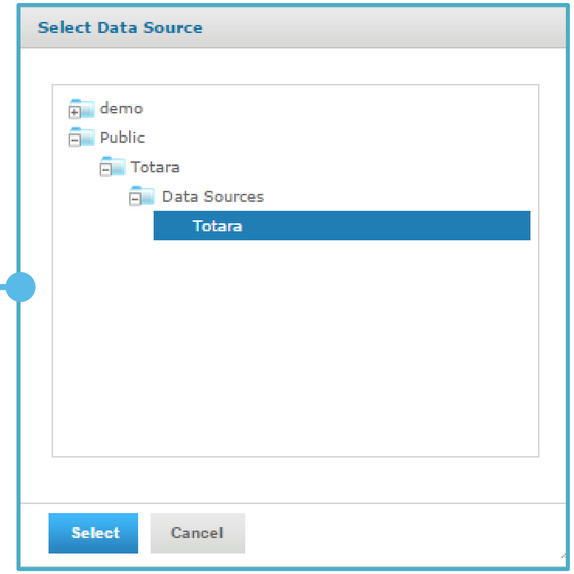


2. First you need to enter a unique **Name** and **Resource ID** (automatically populated) for your Domain. To specify the **Save Location** click **Browse**, expand the private folder (in this case “Demo”) and choose the **Domains** folder. Click on **Select** to save.



3. To specify the **Data Source**, click **Browse** and expand the Public, Totara, and Data Sources folders. Choose the **Totara** data source and click **Select.**





4. Click on the **Create with Domain Designer** link to proceed.

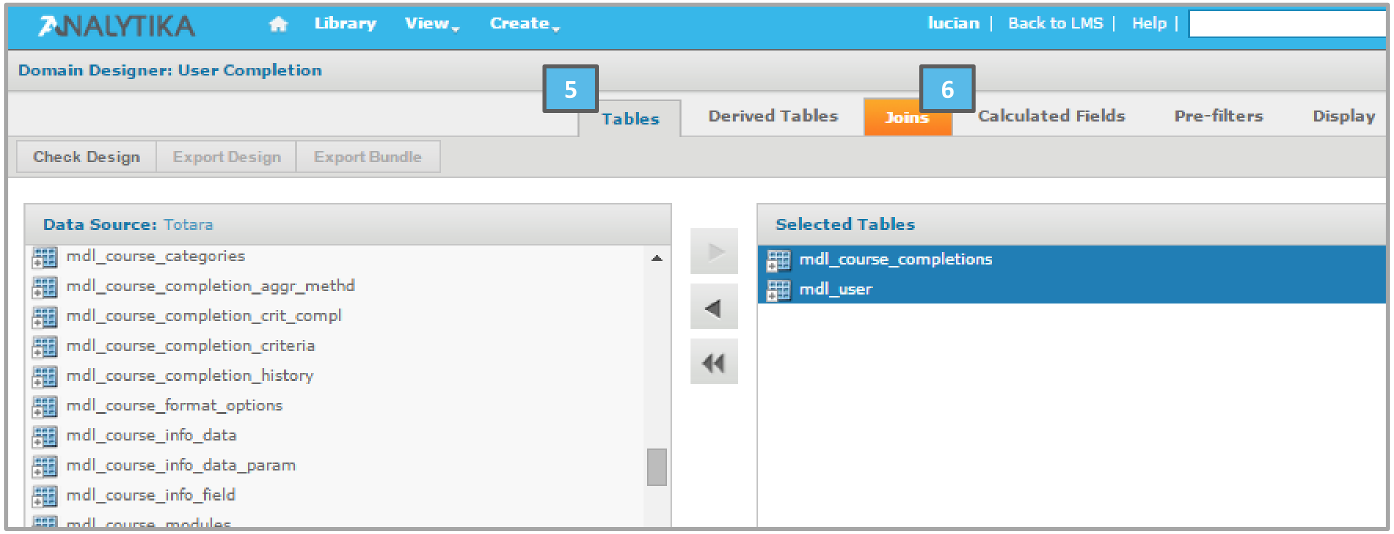
5. In the **Domain Designer [Name]** screen, select your tables and add them to the **Selected Tables** column.

   User Ctrl to select multiple tables at once. Drag and drop to move them or use the arrow buttons.

   For this example select **mdl_user**, **mdl_course**, **mdl_local_ld_course**, and **mdl_local_ld_course_day.**

6. Now you can create a **Join** which combines fields from separate tables. For this example create joins between **mdl_local_ld_course** and **mdl_user**, and **mdl_local_ld_course** and **mdl_course**, **mdl_local_ld_course** and **mdl_local_ld_course_day**. This will allow you to pull information about Users, Courses and Time Spent Learning by Day into a single report.

7. Navigate to the **Joins** tab.



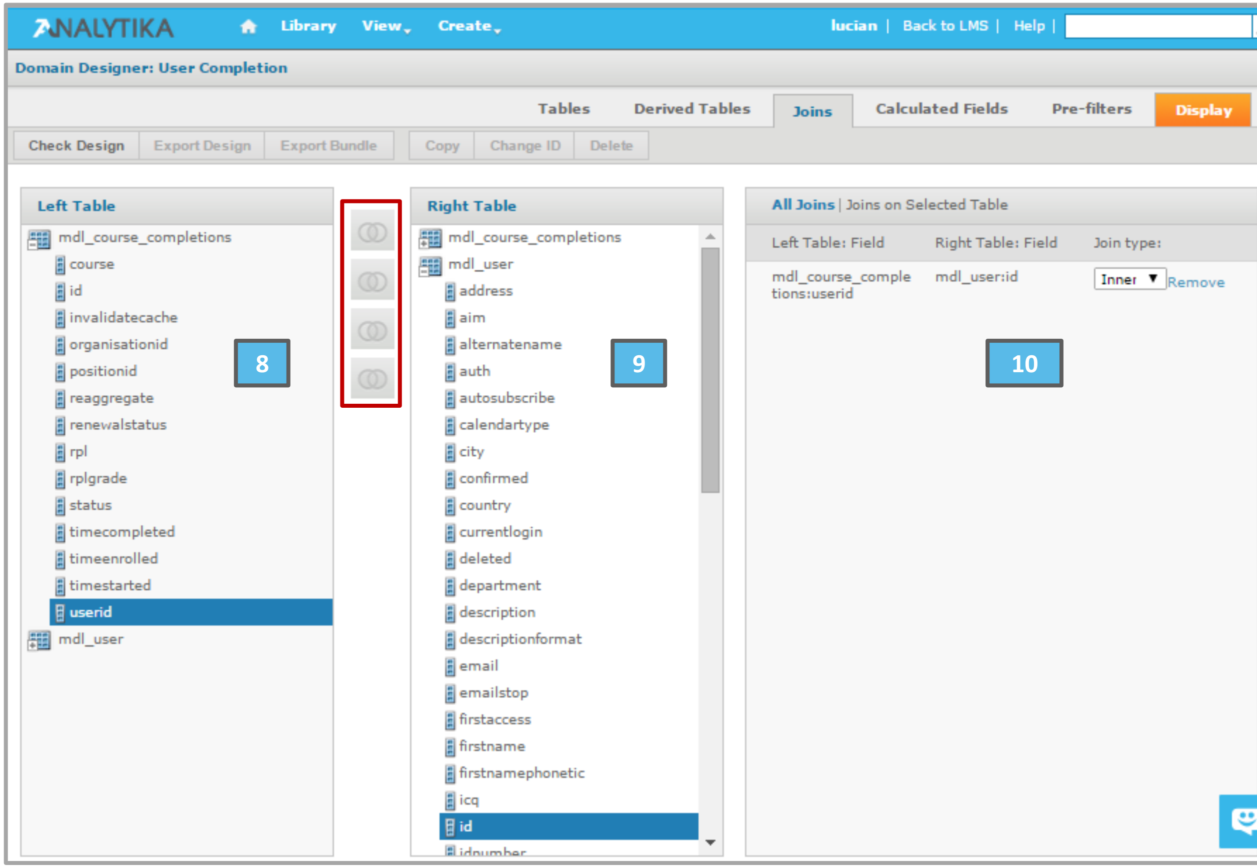
8. Expand **mdl_local_ld_course** in the **Left Table** column and select **courseid** to include in your Join.

   Expand **mdl_course** in the **Right Table** and select **id** to include in your Join.

   Click on the **Inner Join** buttons between Tables.

9. Repeat step 8 with **mdl_local_ld_course** and the **userid field** in the left table and **mdl_user** and **id** in the right table. Choose the **Inner Join** button between tables.

10. Again, repeat step 8 with **mdl_local_ld_course** and the **id field** in the left table and **mdl_local_ld_course_day** and **ldcourseid** in the right table. Choose the **Inner Join** button between tables.



11. Your new Join will appear in the **All Joins** column on the right.

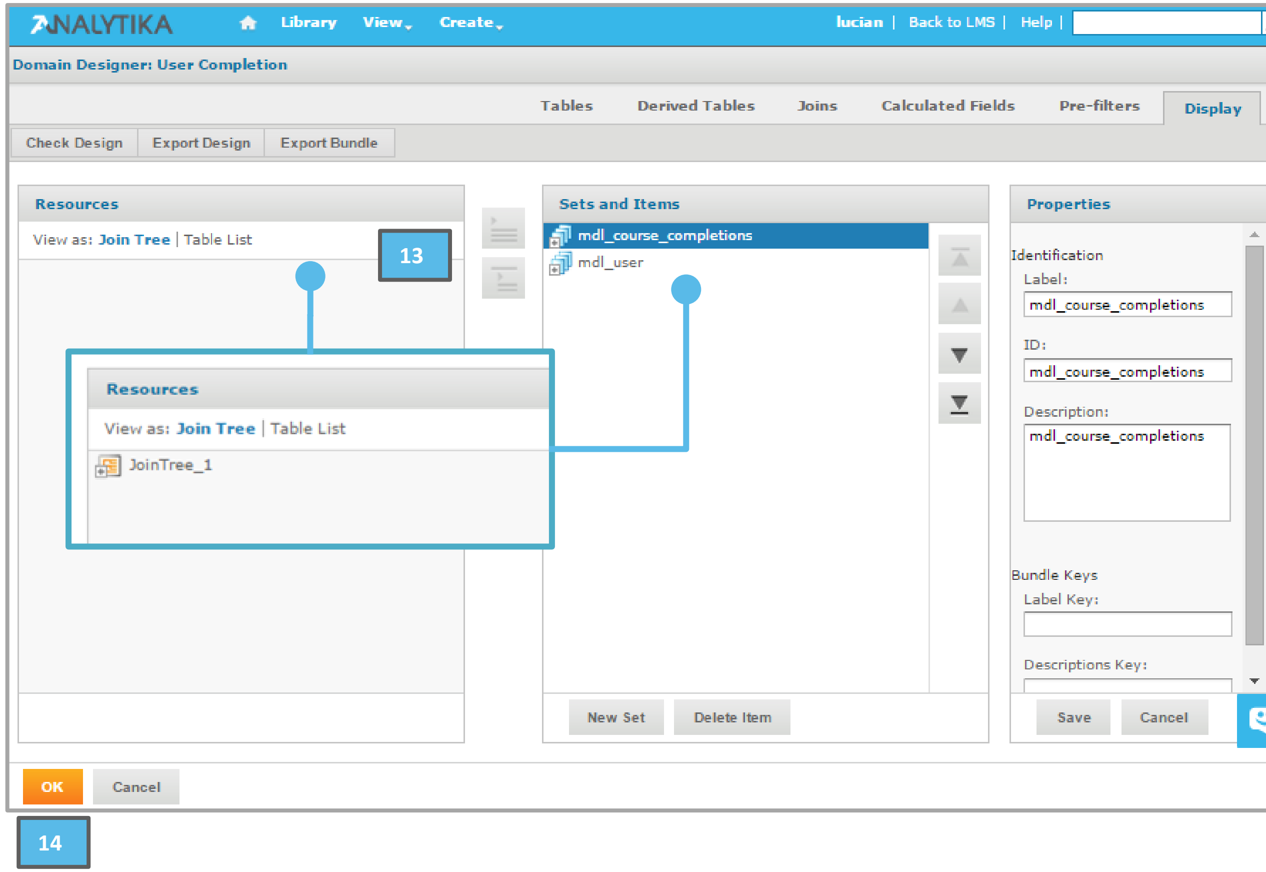
12. Click on the **Display** tab to continue.

13. Drag-and-drop your new Join from the **Resources** column to the **Sets and Items** column.

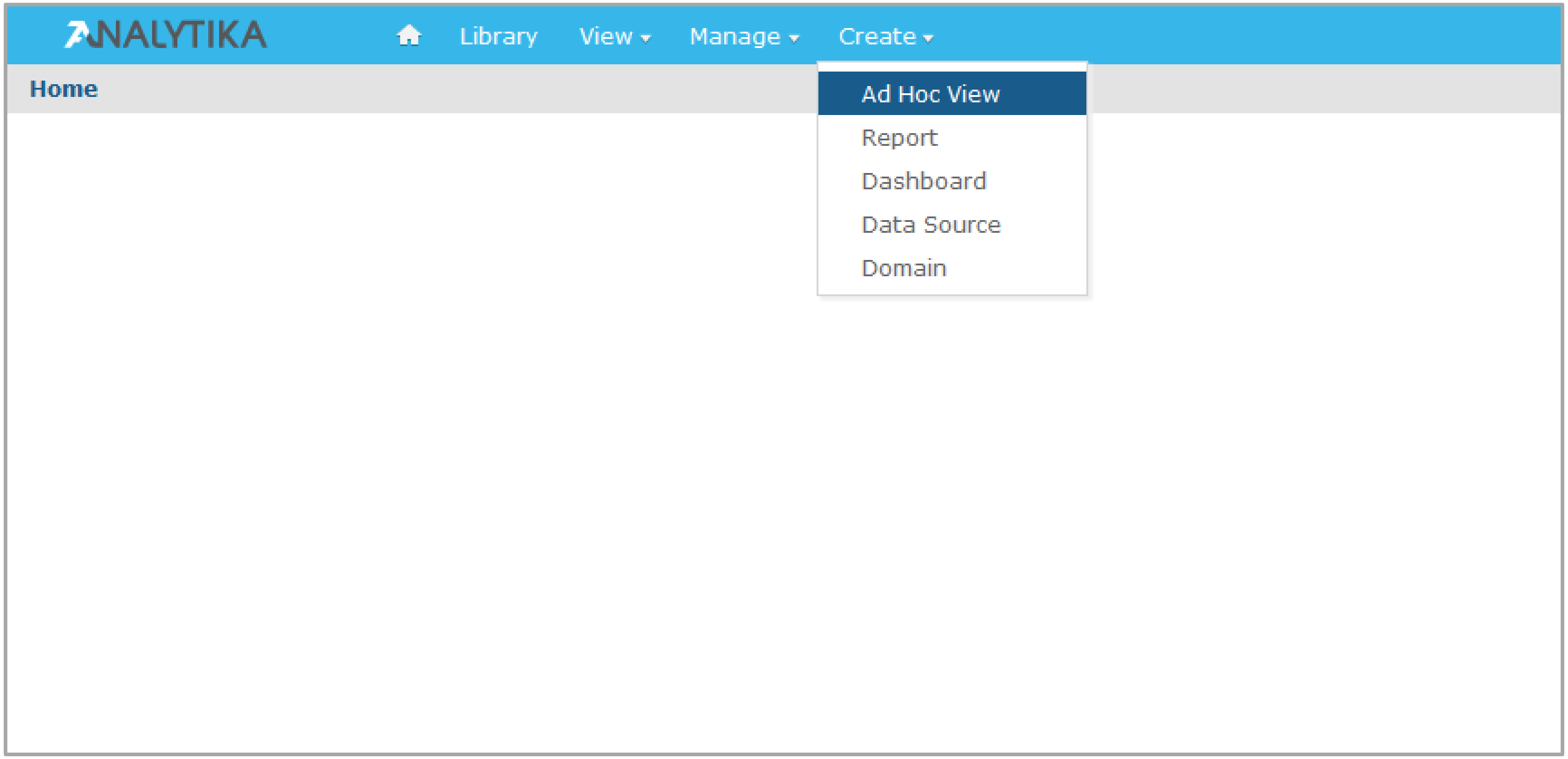
    Your Join Fields will appear In the **Sets and Items** column. A number of fields in the sets will be similarly named like ‘**id**‘. This may be confusing down further down the exercise, so it is recommended that you edit these fields’ properties to change the Label to be more descriptive.

14. Click **OK** at the bottom of the screen to save and return to the **Add New Domain** page.

15. Click **Submit** on the next screen to finish.

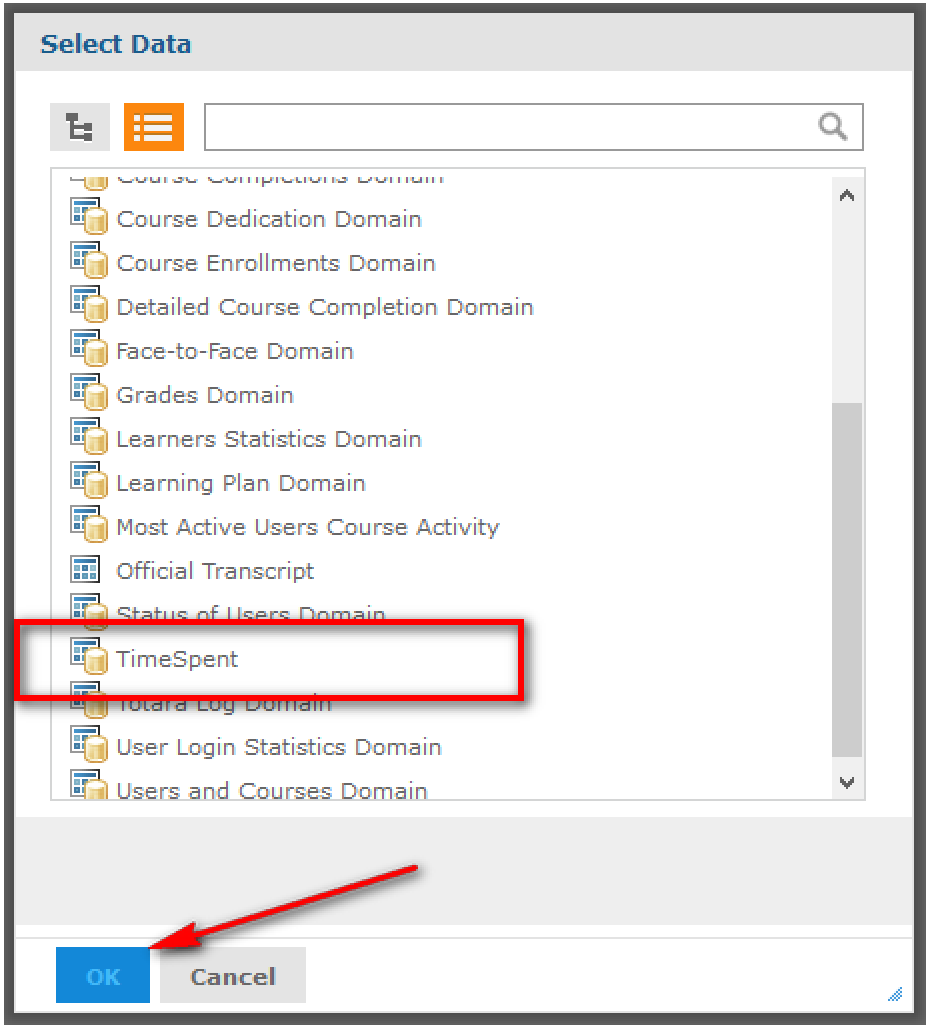


16. From the Home screen, click on **Create** and select **Ad Hoc View**.



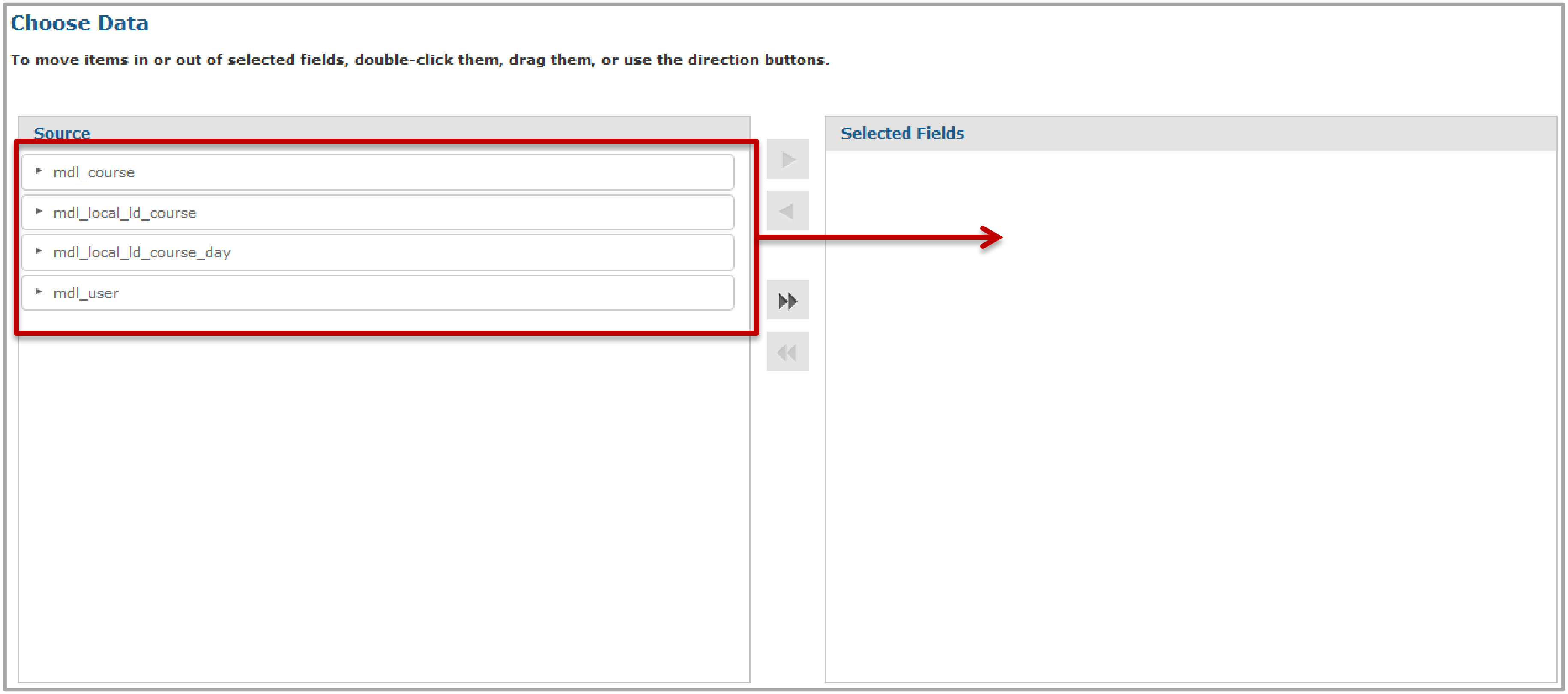
17. In the **Select Data** wizard select your newly created domain.

    Click **OK**



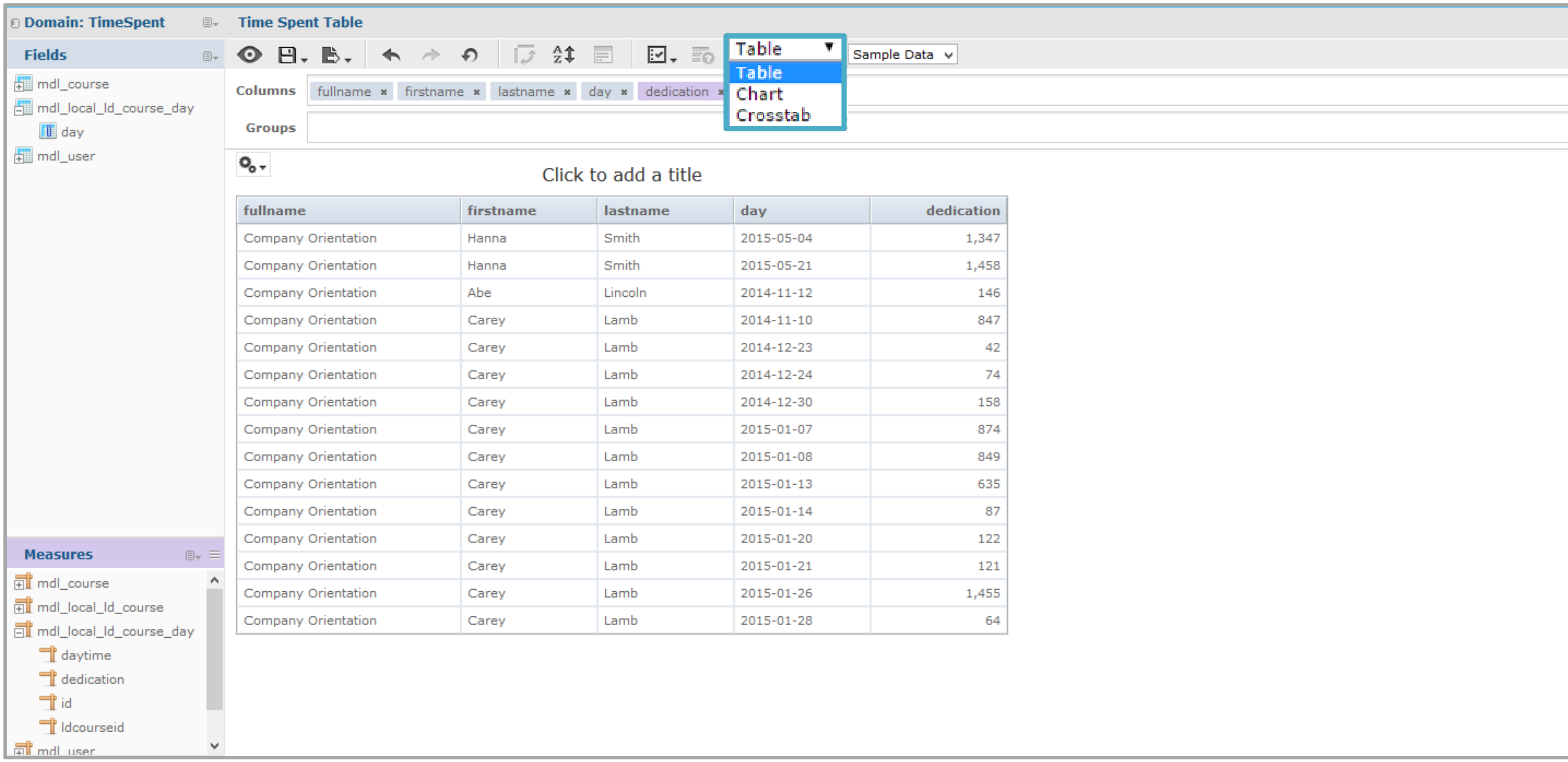
18. Move all items in the **Source** panel using the double arrows or drag and drop all items into the **Selected Fields** panel.

Click **OK** to launch the **Ad Hoc View Editor**.



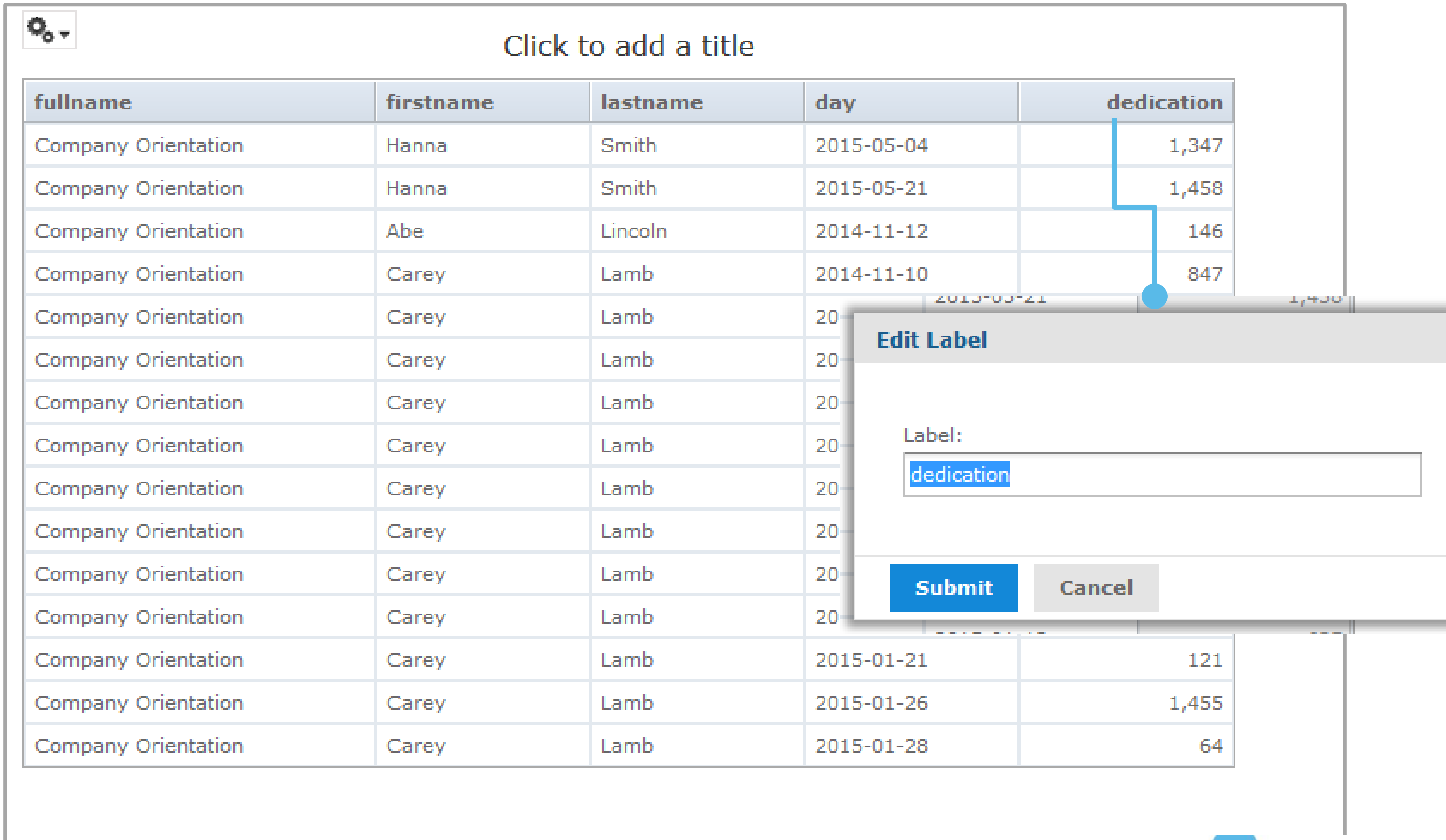
19. Using the Ad Hoc View Editor, let's create a **Table** view. Select **Table** as the View Type in the View drop down.

Drag and drop the following fields: **mdl_course - fullname, mdl_user - firstname, mdl_user - lastname,** and **mdl_local_ld_course_day - day** from Fields panel and **mdl_local_ld_course_day - dedication** from the Measures panel into the Ad Hoc View panel to create the columns in your table.



20. Let's change the name of the **dedication** column to further customize your table. Right click the column name and select **Edit Label**. Edit the column name to **Time Spent Learning (Seconds)** and click **Submit.**

At this stage you may also change the Title of your Table. Simply click on the current Title and modify the text.



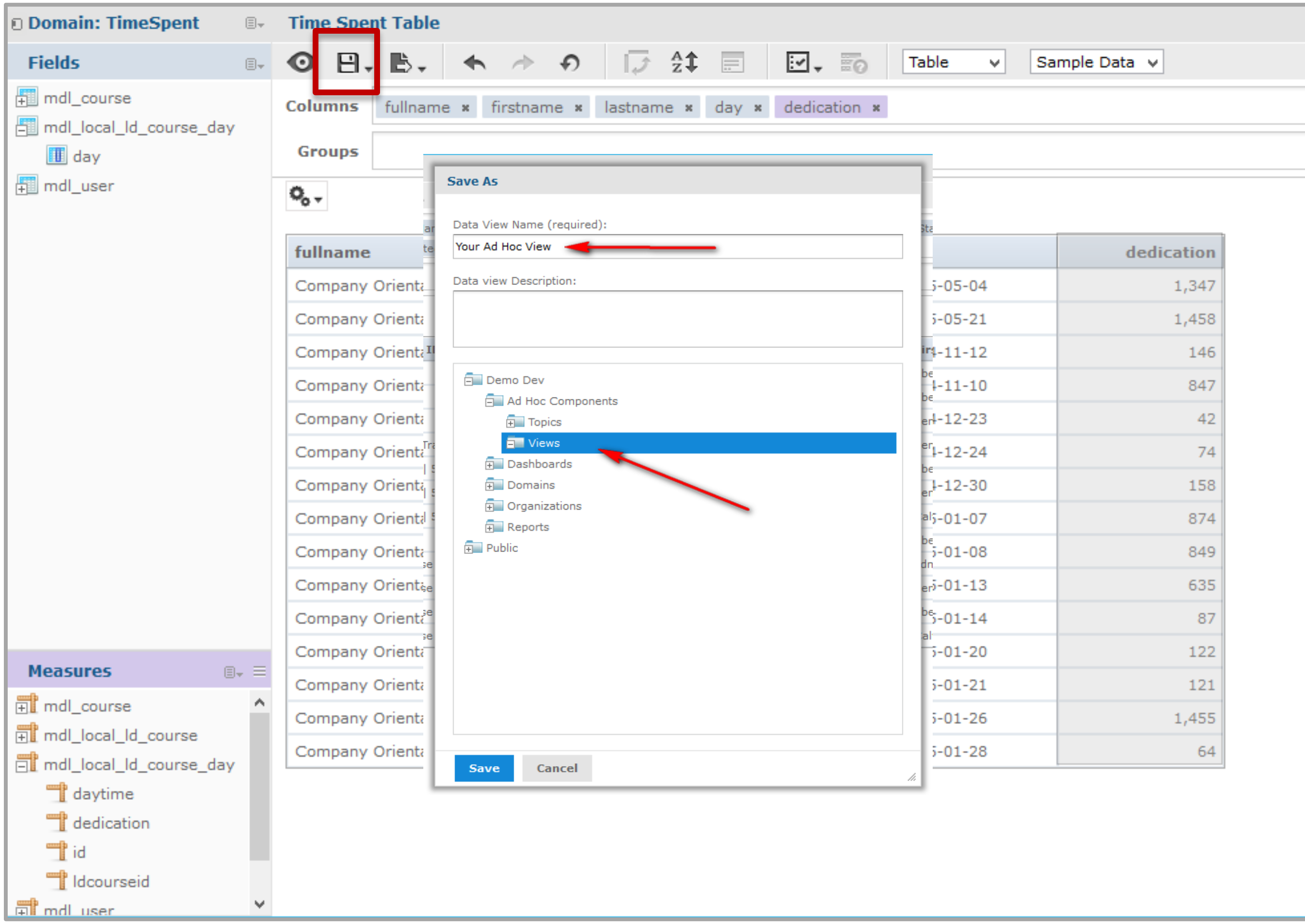
fullname	firstname	lastname	day	dedication
Company Orientation	Hanna	Smith	2015-05-04	1,347
Company Orientation	Hanna	Smith	2015-05-21	1,458
Company Orientation	Abe	Lincoln	2014-11-12	146
Company Orientation	Carey	Lamb	2014-11-10	847
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	20	
Company Orientation	Carey	Lamb	2015-01-21	121
Company Orientation	Carey	Lamb	2015-01-26	1,455
Company Orientation	Carey	Lamb	2015-01-28	64

21. Click the **Save** button

Save your new **Save Ad Hoc View As…**

Provide a unique descriptive name and save to your private folders in Ad Hoc Components | Views

Click **Save**



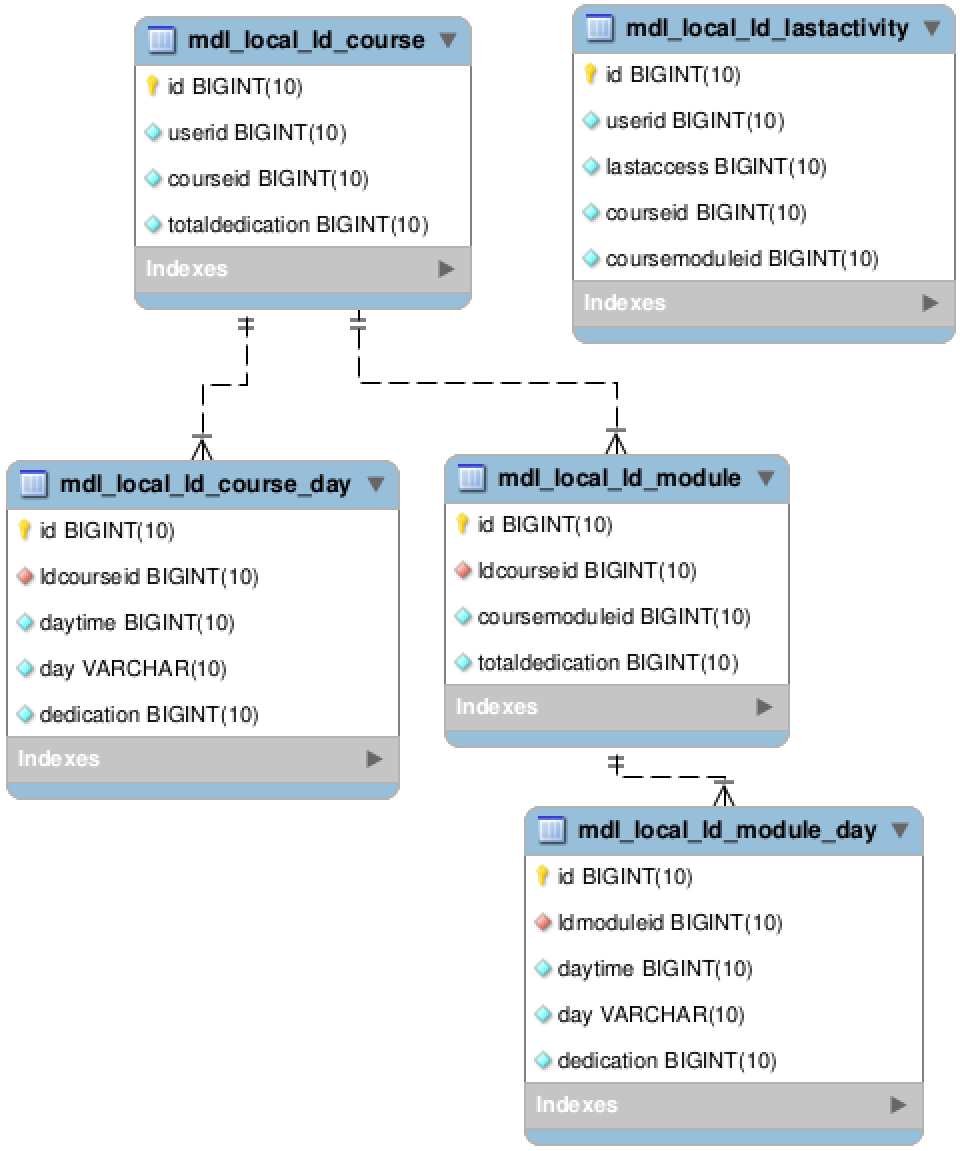
In Conclusion: Through the steps in this guide we have created a Domain that provides you the ability to create a report that contains course profile information, user profile information and the time, in seconds, that the user spends learning per day, by course.

If you edited the Domain you would be able to further join more tables (i.e. course completion data, audience data, certification data, etc.) and make more information available. You are also able to use that domain to create more ad hoc views, like charts and crosstabs for mathematical computations.

In addition to time spent learning at the course level, we also capture the time spent learning within each module (or activity) in a course. That information is stored in different tables that are outlined in the reference material at the end of this guide. Due the fact that we count the time both at the course level and module level, the time that someone spends in a course may be different that the collective sum of the time they spend in modules within that course.

Our goal was to give you the data and the power to create the exact report with the exact data you need.

The Time Spent Learning data structure structure.



If you have any questions do not hesitate to contact the

Lambda Solutions Customer Support Team at +1.877.694.5289

or support@lambdasolutions.net and they will help you out.