



PARTNER

## **SAP BTP Data-to-Value Hands-on Exercise Series**

### **DV200 Exercise05 – Creating a Consumption Model and Perspectives with Data Builder of SAP Data Warehouse Cloud**

This document will guide you step by step on the process of creating a consumption model and perspective for Book Sales Analysis using Business Builder in SAP Data Warehouse Cloud

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## DISCLAIMER

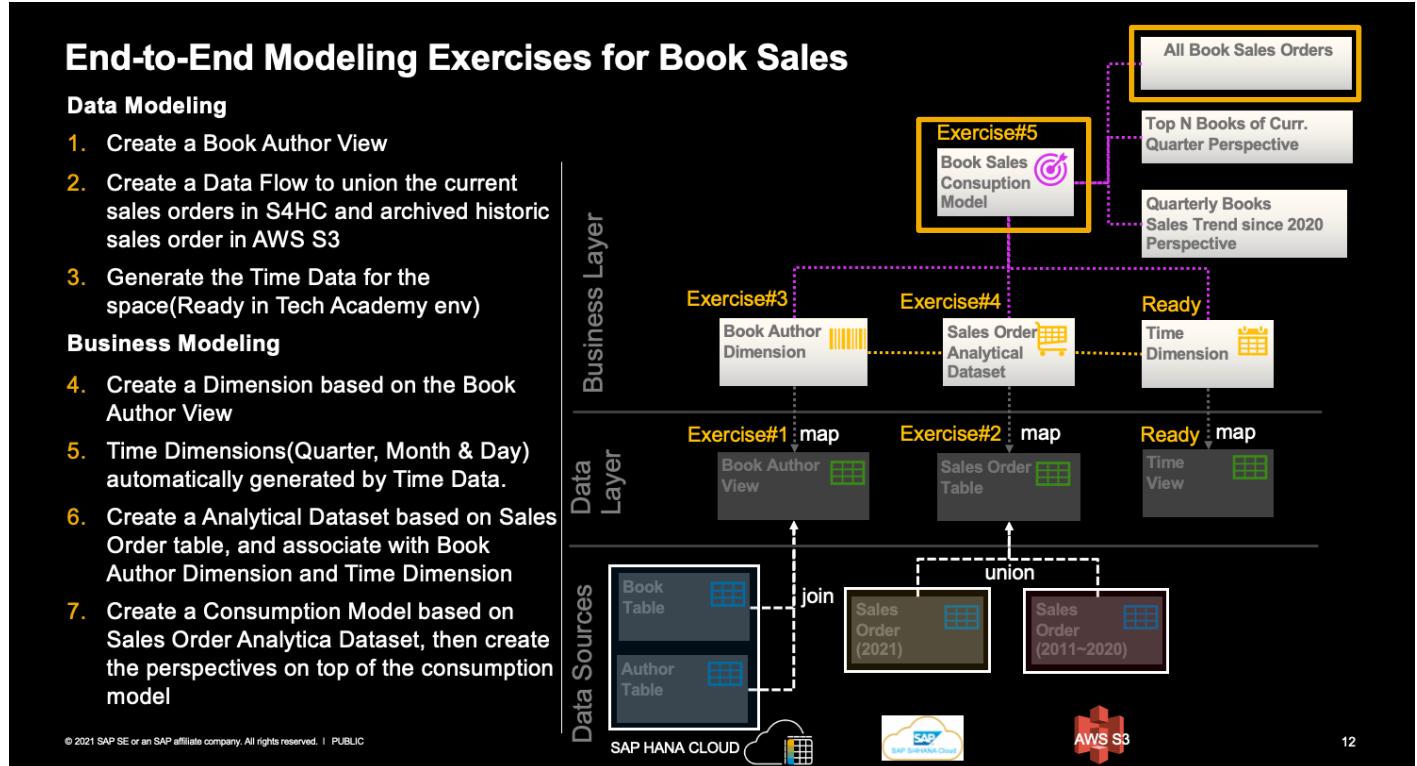
All functionality presented here is subject to change and may be changed by SAP at any time for any reason without notice.

## OBJECTIVE

The objective of this exercise is to provide the steps needed to create a Consumption Model and Perspectives using Business Builder.

## SCENARIO

In this session we will use the scenario as seen in Exercise#5 in the below image:



In this session we will create a consumption model and perspective using Business Builder. We will use the All Book Sales Order analytical dataset.

## ENVIRONMENT ACCESS – SAP DATA WAREHOUSE CLOUD

Before proceeding with the exercise, please obtain the Tenant details and Login Credentials of SAP Data Warehouse Cloud provided to you as instruction below.

**SAP Data Warehouse Cloud** (to login SAP Data Warehouse Cloud and perform the exercise):

- Tenant URL
- Username: Your assigned User ID
- Password: Your assigned User Password

For the Bootcamp participants, please use the SAP Data Warehouse tenant provided by SAP, and your assigned user id and password:

- The SAP Data Warehouse cloud tenant URL is available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > SAP Data Warehouse Cloud (Section)**, which you have been invited.
  - Your assigned user id and password for SAP Data Warehouse Cloud are communicated individually via email.

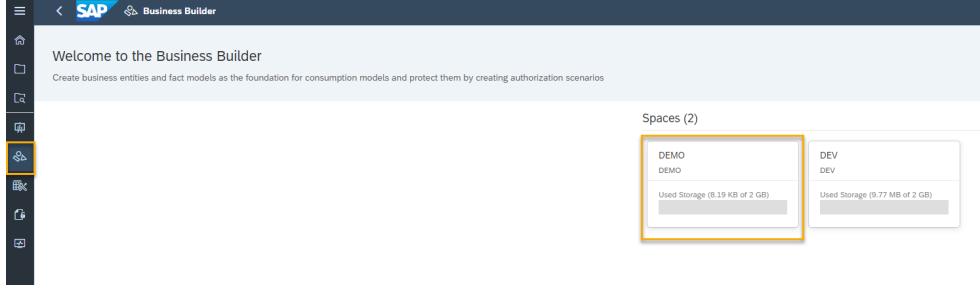
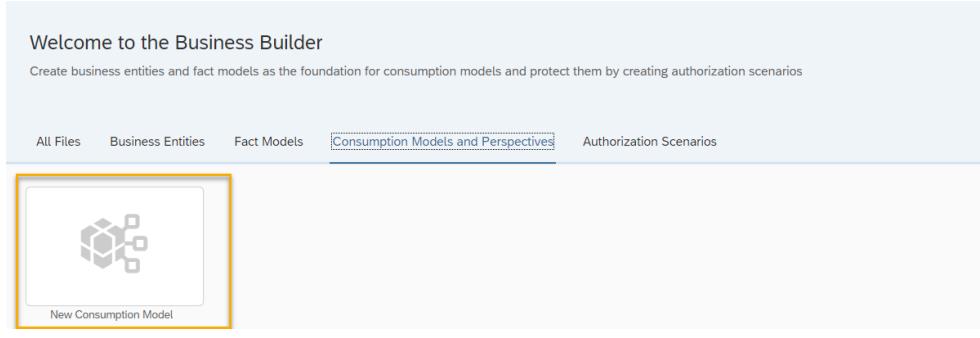
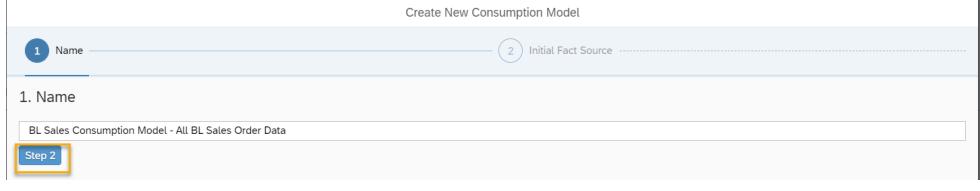
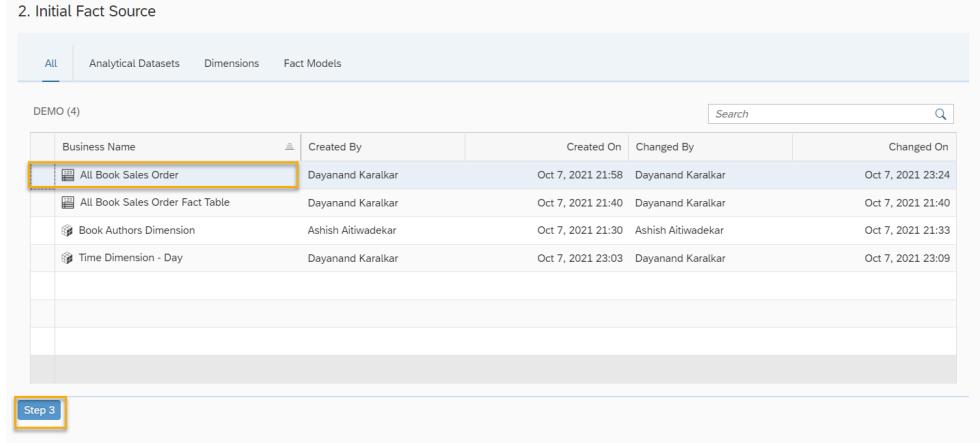
## PREREQUISITES

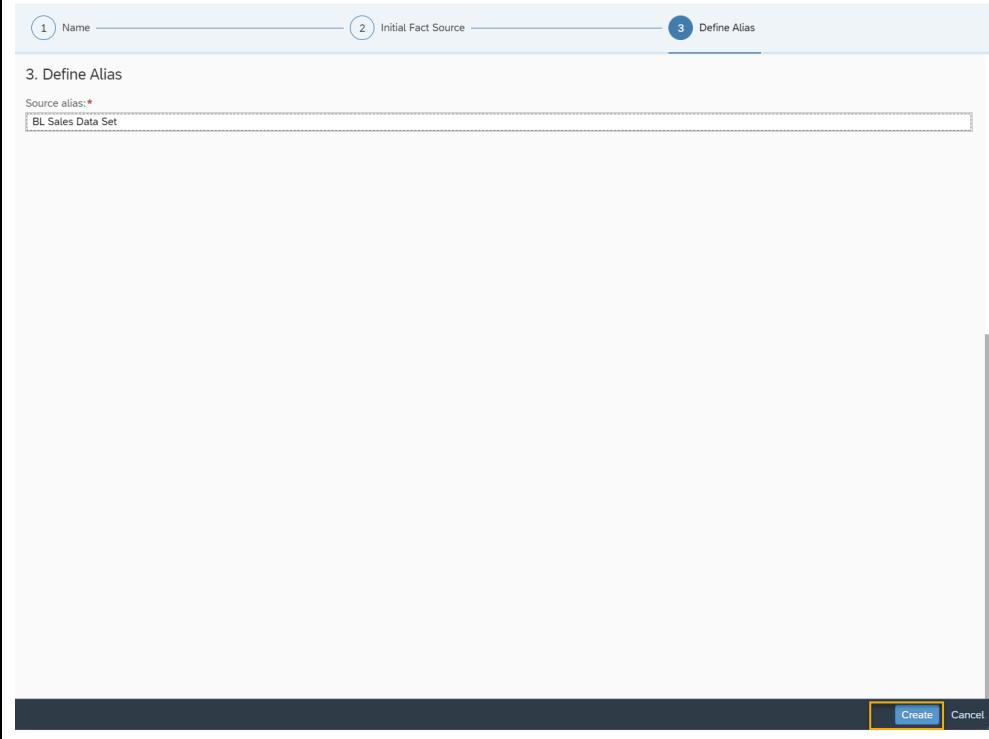
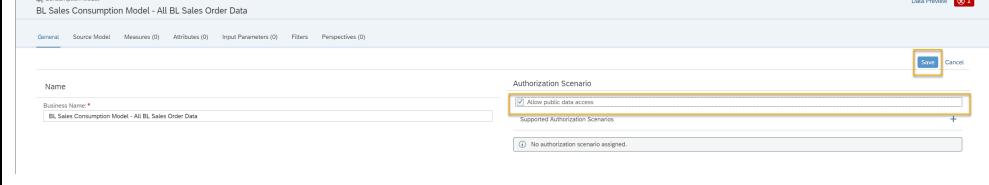
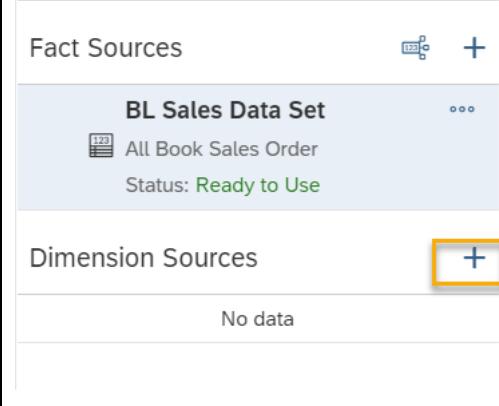
You have completed previous exercise.

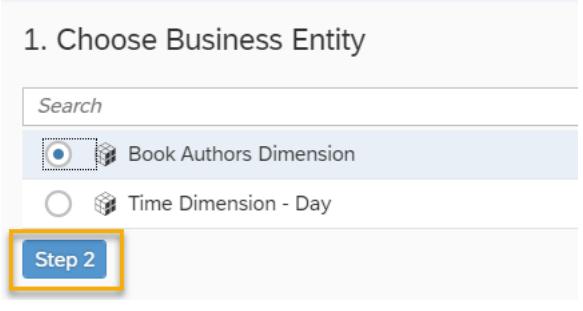
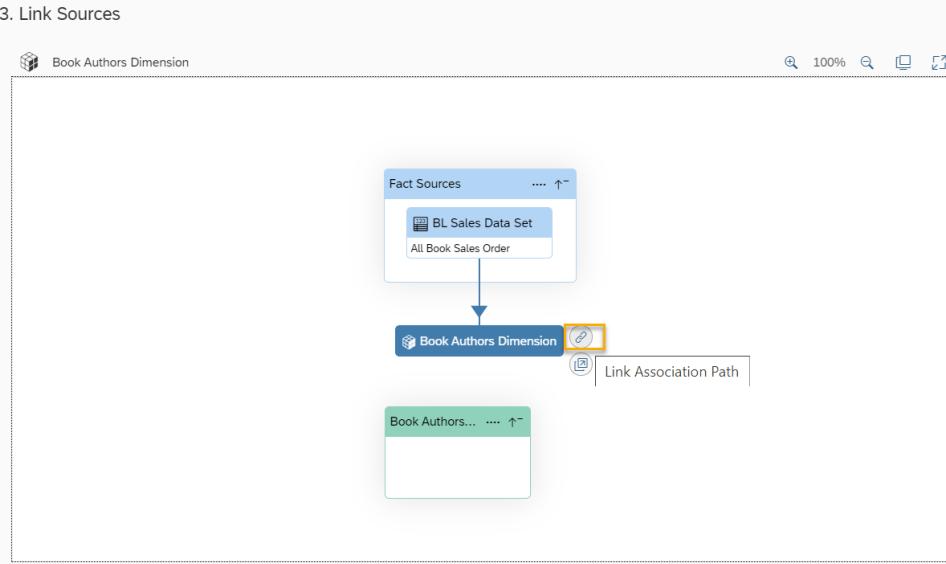
- DV200\_Exercise03: Book\_Author\_Dimension and Time Dimension Day is created.
- DV200\_Exercise04: Analytical Dataset about All Book Sales Order is created.

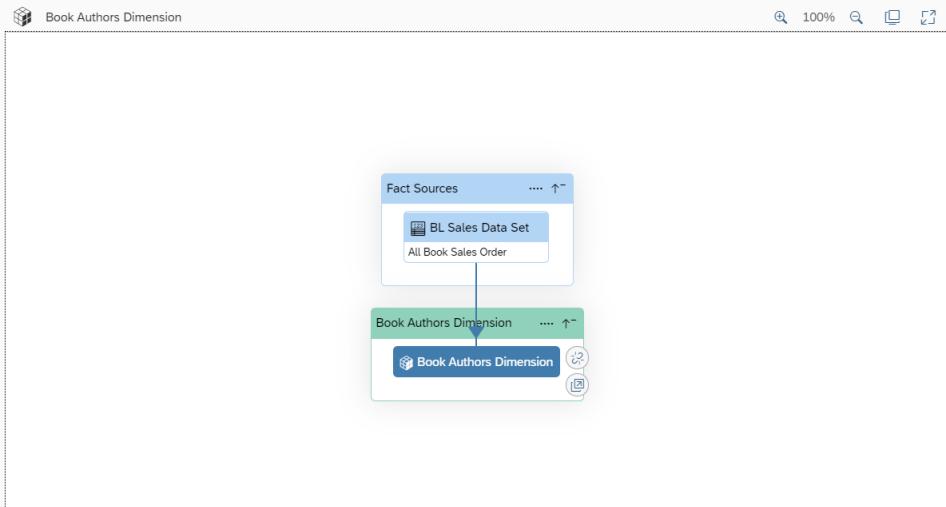
## EXERCISE STEP DETAILS

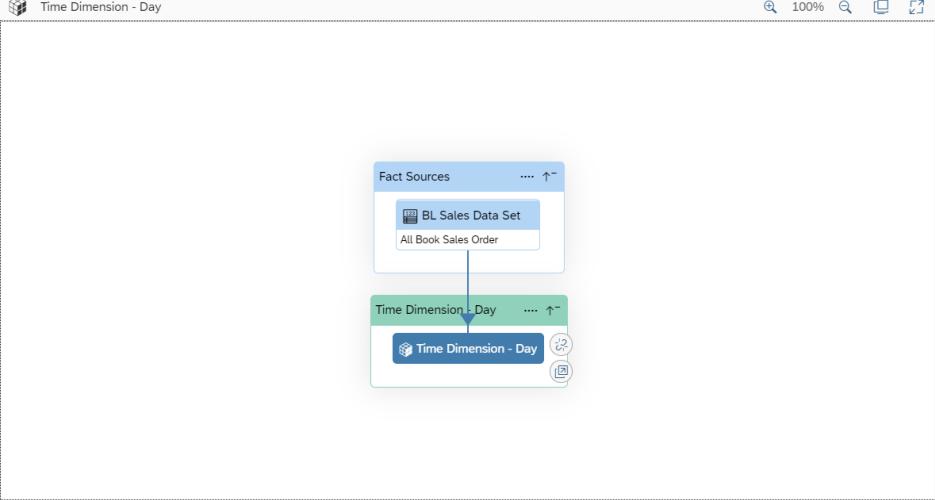
Explanation	Screenshot
Log on to SAP Data Warehouse Cloud with the given tenant URL and assigned user credential mentioned above.  Go to the Home Screen.	
Click on the Business Builder icon , you see the space that you are assigned to.	

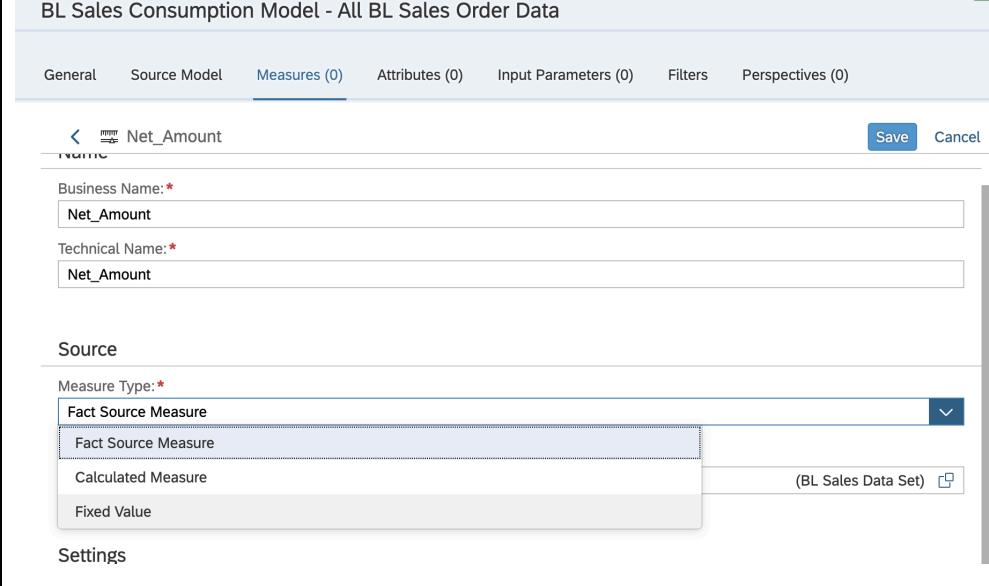
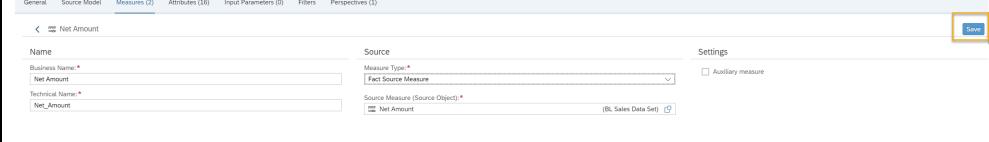
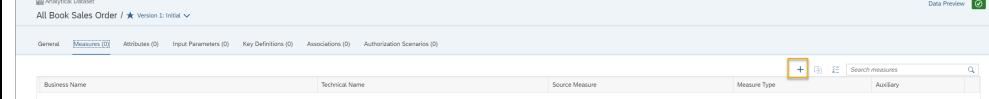
Explanation	Screenshot																									
Click on the Space.	 <p>Welcome to the Business Builder</p> <p>Create business entities and fact models as the foundation for consumption models and protect them by creating authorization scenarios</p> <p>Spaces (2)</p> <ul style="list-style-type: none"> <li>DEMO (Used Storage: 8.19 KB of 2 GB)</li> <li>DEV (Used Storage: 9.77 MB of 2 GB)</li> </ul>																									
<b>Click on Consumption Models and Perspectives → Select New Consumption Model.</b>	 <p>Welcome to the Business Builder</p> <p>Create business entities and fact models as the foundation for consumption models and protect them by creating authorization scenarios</p> <p>All Files Business Entities Fact Models Consumption Models and Perspectives Authorization Scenarios</p> <p>New Consumption Model</p>																									
Enter name as <b>BL Sales Consumption Model - All BL Sales Order Data</b> and click Step 2.	 <p>Create New Consumption Model</p> <p>1. Name</p> <p>BL Sales Consumption Model - All BL Sales Order Data</p> <p>Step 2</p>																									
Select All Book Sales Order and Click Step 3.	 <p>2. Initial Fact Source</p> <p>All Analytical Datasets Dimensions Fact Models</p> <p>DEMO (4)</p> <table border="1"> <thead> <tr> <th>Business Name</th> <th>Created By</th> <th>Created On</th> <th>Changed By</th> <th>Changed On</th> </tr> </thead> <tbody> <tr> <td>All Book Sales Order</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 21:58</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 23:24</td> </tr> <tr> <td>All Book Sales Order Fact Table</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 21:40</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 21:40</td> </tr> <tr> <td>Book Authors Dimension</td> <td>Ashish Atilwadekar</td> <td>Oct 7, 2021 21:30</td> <td>Ashish Atilwadekar</td> <td>Oct 7, 2021 21:33</td> </tr> <tr> <td>Time Dimension - Day</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 23:03</td> <td>Dayanand Karalkar</td> <td>Oct 7, 2021 23:09</td> </tr> </tbody> </table> <p>Step 3</p>	Business Name	Created By	Created On	Changed By	Changed On	All Book Sales Order	Dayanand Karalkar	Oct 7, 2021 21:58	Dayanand Karalkar	Oct 7, 2021 23:24	All Book Sales Order Fact Table	Dayanand Karalkar	Oct 7, 2021 21:40	Dayanand Karalkar	Oct 7, 2021 21:40	Book Authors Dimension	Ashish Atilwadekar	Oct 7, 2021 21:30	Ashish Atilwadekar	Oct 7, 2021 21:33	Time Dimension - Day	Dayanand Karalkar	Oct 7, 2021 23:03	Dayanand Karalkar	Oct 7, 2021 23:09
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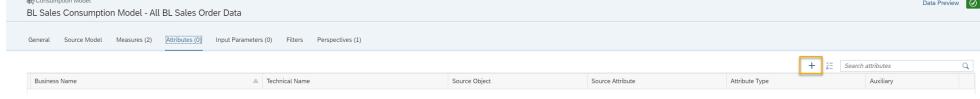
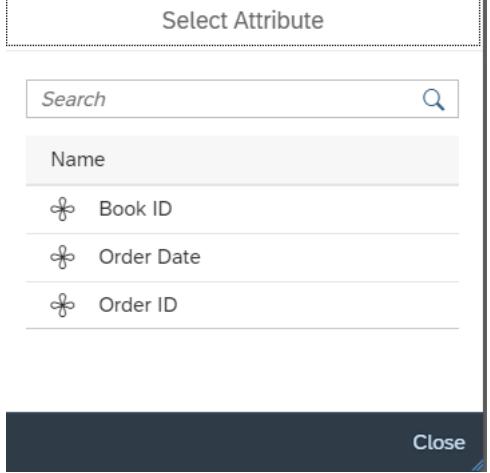
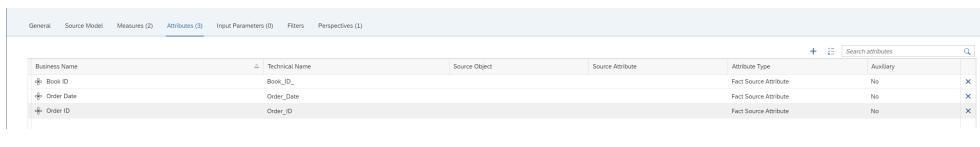
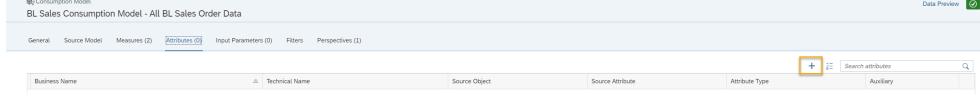
Explanation	Screenshot
Enter Alias as BL Sales Data Set and click Create.	 <p>Create New Consumption Model</p> <p>1 Name      2 Initial Fact Source      3 Define Alias</p> <p>3. Define Alias</p> <p>Source alias: * BL Sales Data Set</p> <p><b>Create</b> <b>Cancel</b></p>
In the General tab check the Allow public data access check box in the Authorization Scenario. Click Save.	 <p>Consumption Model BL Sales Consumption Model - All BL Sales Order Data</p> <p>General    Source Model    Measures (0)    Attributes (0)    Input Parameters (0)    Filters    Perspectives (0)</p> <p>Name Business Name: * BL Sales Consumption Model - All BL Sales Order Data</p> <p>Authorization Scenario <input checked="" type="checkbox"/> Allow public data access Supported Authorization Scenarios ① No authorization scenario assigned</p> <p><b>Save</b> <b>Cancel</b></p>
Click on Source Model.	 <p>Consumption Model BL Sales Consumption Model - All BL Sales Order Data</p> <p>General    <b>Source Model</b>    Measures (0)    Attributes (0)    Input Parameters (0)    Filters    Perspectives (0)</p>
Click + in the Dimension Source to add dimension Association.	 <p>Fact Sources    +</p> <p>BL Sales Data Set    ... All Book Sales Order Status: Ready to Use</p> <p>Dimension Sources    +</p> <p>No data</p>

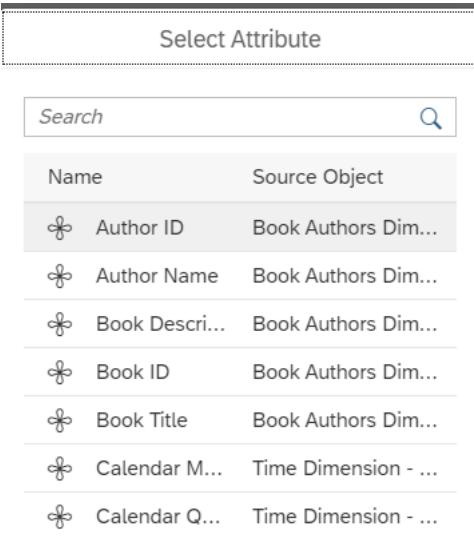
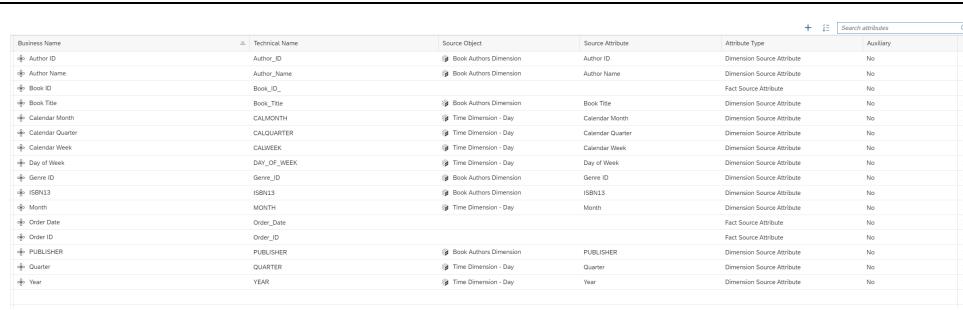
Explanation	Screenshot
Select Book Authors Dimension and click on Step 2.	<p>1. Choose Business Entity</p> 
Keep the proposed Alias Name and Click on Step 3.	<p>2. Define Alias</p> <p>Source alias: * Book Authors Dimension</p> <p><b>Step 3</b></p>
Click on the Book Authors Dimension and click Link Association Path.	<p>3. Link Sources</p> 

Explanation	Screenshot
<p>The Association is created. Click on Step 4</p>	 <p>Step 4</p>
<p>Click on Create.</p>	<p>4. Add Attributes</p> <p>Enter a prefix:</p> <input type="text"/> <p>Select attributes:</p> <p>Search attributes</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Name</li> <li><input type="checkbox"/> Author ID</li> <li><input type="checkbox"/> Author Name</li> <li><input type="checkbox"/> Book Description</li> <li><input type="checkbox"/> Book ID</li> <li><input type="checkbox"/> Book Title</li> <li><input type="checkbox"/> Genre ID</li> <li><input type="checkbox"/> ISBN13</li> <li><input type="checkbox"/> PUBLISHER</li> </ul> <p><b>Create</b> Cancel</p>

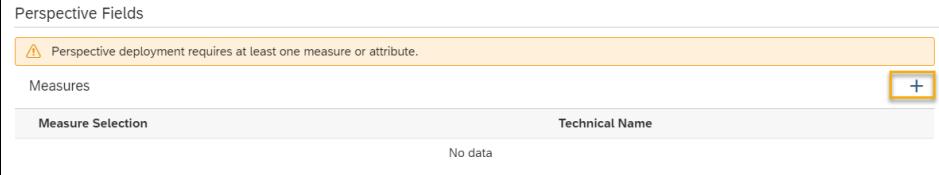
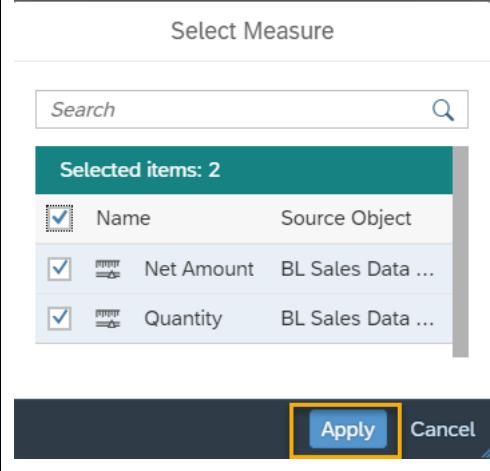
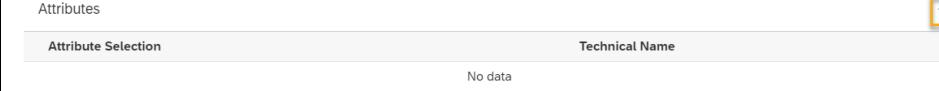
Explanation	Screenshot
<p>Repeat the steps to add all the attributes of Time Dimension – Day.</p>	<p>3. Link Sources</p>  <pre> graph TD     FS[Fact Sources] --&gt; TD[Time Dimension - Day]     subgraph FS [Fact Sources]         direction TB         BL[BL Sales Data Set All Book Sales Order]     end     subgraph TD [Time Dimension - Day]         direction TB         Day[Time Dimension - Day]     end </pre>
<p>Click on Measures.</p>	<p>4. Add Attributes</p> <p>Enter a prefix:</p> <input type="text" value="I"/> <p>Select attributes:</p> <p>Search attributes <input type="text" value=""/></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Name</li> <li><input checked="" type="checkbox"/> Calendar Month</li> <li><input checked="" type="checkbox"/> Calendar Quarter</li> <li><input checked="" type="checkbox"/> Calendar Week</li> <li><input checked="" type="checkbox"/> Date</li> <li><input checked="" type="checkbox"/> Date (String)</li> <li><input checked="" type="checkbox"/> Day of Week</li> <li><input checked="" type="checkbox"/> Month</li> <li><input checked="" type="checkbox"/> Quarter</li> <li><input checked="" type="checkbox"/> Year</li> </ul> <p><span style="float: right;"><b>Create</b> <span style="border: 1px solid #ccc; padding: 2px;">Cancel</span></span></p>

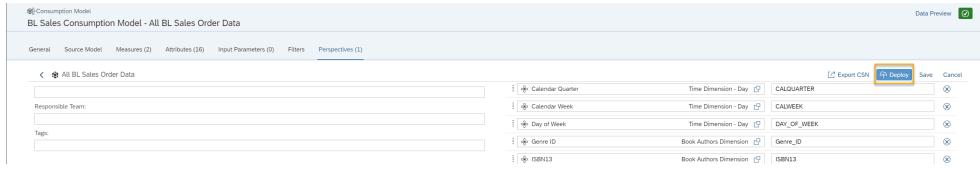
Explanation	Screenshot
<p>Click  to add new Measure.</p>	
<p>In the Source, select Measure Type as Fact Source Measure and Select Net_Amount.</p>	
<p>Enter Business Name, Technical Name and Click on Save.</p>	
<p>Click  to add Measures.</p>	
<p>In the Source, select Measure Type as Fact Source Measure and Select Quantity. Enter Business Name, Technical Name and click on Save.</p>	
<p>Click on Attributes.</p>	

Explanation	Screenshot
<p>Click  to add new attributes.</p>	
<p>In Source, In the Attributes Type select Fact Source Attribute.</p>	
<p>Select attribute Book ID.</p>	
<p>Click on Save.</p>	
<p>Repeat the steps to add Order Date and Order ID attributes.</p>	
<p>Click  to add new attributes.</p>	

Explanation	Screenshot																																																																																																						
<p>In Source, in the Attributes Type select Dimension Source Attribute.</p>																																																																																																							
<p>Select attribute Author ID.</p>																																																																																																							
<p>Click on Save.</p>																																																																																																							
<p>Repeat the same steps to add below attributes from dimension source:</p> <ul style="list-style-type: none"> <li>• Author ID</li> <li>• Author Name</li> <li>• Book Title</li> <li>• Publisher</li> <li>• ISBN13</li> <li>• Genre ID</li> <li>• Calendar Month</li> <li>• Calendar Quarter</li> <li>• Calendar Week</li> <li>• Month</li> <li>• Quarter</li> </ul>	 <table border="1" data-bbox="523 1396 1486 1706"> <thead> <tr> <th>Business Name</th> <th>Technical Name</th> <th>Source Object</th> <th>Source Attribute</th> <th>Attribute Type</th> <th>Auxiliary</th> </tr> </thead> <tbody> <tr> <td>Author ID</td> <td>Author_ID</td> <td>Book Authors Dimension</td> <td>Author ID</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Author Name</td> <td>Author_Name</td> <td>Book Authors Dimension</td> <td>Author Name</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Book ID</td> <td>Book_ID_</td> <td>Book Authors Dimension</td> <td>Book Title</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Book Title</td> <td>Book_Title</td> <td>Book Authors Dimension</td> <td>Time Dimension - Day</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Calendar Month</td> <td>CALMONTH</td> <td>Time Dimension - Day</td> <td>Calendar Month</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Calendar Quarter</td> <td>CALQUARTER</td> <td>Time Dimension - Day</td> <td>Calendar Quarter</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Calendar Week</td> <td>CALWEEK</td> <td>Time Dimension - Day</td> <td>Calendar Week</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Day of Week</td> <td>DAY_OF_WEEK</td> <td>Time Dimension - Day</td> <td>Day of Week</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Genre ID</td> <td>Genre_ID</td> <td>Book Authors Dimension</td> <td>Genre ID</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>ISBN13</td> <td>ISBN13</td> <td>Book Authors Dimension</td> <td>ISBN13</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Month</td> <td>MONT</td> <td>Time Dimension - Day</td> <td>Month</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Order Date</td> <td>Order_Date</td> <td>Time Dimension - Day</td> <td>Fact Source Attribute</td> <td>Fact Source Attribute</td> <td>No</td> </tr> <tr> <td>Order ID</td> <td>Order_ID</td> <td>Order ID</td> <td>Order ID</td> <td>Fact Source Attribute</td> <td>No</td> </tr> <tr> <td>Publisher</td> <td>PUBLISHER</td> <td>Book Authors Dimension</td> <td>PUBLISHER</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Quarter</td> <td>QUARTER</td> <td>Time Dimension - Day</td> <td>Quarter</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> <tr> <td>Year</td> <td>YEAR</td> <td>Time Dimension - Day</td> <td>Year</td> <td>Dimension Source Attribute</td> <td>No</td> </tr> </tbody> </table>	Business Name	Technical Name	Source Object	Source Attribute	Attribute Type	Auxiliary	Author ID	Author_ID	Book Authors Dimension	Author ID	Dimension Source Attribute	No	Author Name	Author_Name	Book Authors Dimension	Author Name	Dimension Source Attribute	No	Book ID	Book_ID_	Book Authors Dimension	Book Title	Dimension Source Attribute	No	Book Title	Book_Title	Book Authors Dimension	Time Dimension - Day	Dimension Source Attribute	No	Calendar Month	CALMONTH	Time Dimension - Day	Calendar Month	Dimension Source Attribute	No	Calendar Quarter	CALQUARTER	Time Dimension - Day	Calendar Quarter	Dimension Source Attribute	No	Calendar Week	CALWEEK	Time Dimension - Day	Calendar Week	Dimension Source Attribute	No	Day of Week	DAY_OF_WEEK	Time Dimension - Day	Day of Week	Dimension Source Attribute	No	Genre ID	Genre_ID	Book Authors Dimension	Genre ID	Dimension Source Attribute	No	ISBN13	ISBN13	Book Authors Dimension	ISBN13	Dimension Source Attribute	No	Month	MONT	Time Dimension - Day	Month	Dimension Source Attribute	No	Order Date	Order_Date	Time Dimension - Day	Fact Source Attribute	Fact Source Attribute	No	Order ID	Order_ID	Order ID	Order ID	Fact Source Attribute	No	Publisher	PUBLISHER	Book Authors Dimension	PUBLISHER	Dimension Source Attribute	No	Quarter	QUARTER	Time Dimension - Day	Quarter	Dimension Source Attribute	No	Year	YEAR	Time Dimension - Day	Year	Dimension Source Attribute	No
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Explanation	Screenshot
<ul style="list-style-type: none"> <li>• Year</li> <li>• Day of Week</li> </ul>	
Click on Data Preview.	<p>The screenshot shows a table titled "Results" with columns: AUTHOR_NAME, Author ID, Net Amount, and Quantity. The data includes rows for Dahl, Roald, Tolken, J. R. R. (John Ronald Reuel), Steig, William, Danni, Colin, Blume, Judy, Byron, End, Paulsen, Gary, Gietzman, Morris, Creech, Sharon, Ibbotson, Eva, Kipling, Rudyard, Platt, Sylvia, Alton, Tony, Sachar, Louis, Oliver, Peter, Delahaye, Gilbert, Tomlinson, Jill, Edwards, Dorothy, &lt;null&gt;, Wilder, Laura Ingalls, Murphy, Jill, Donaldson, Julia, Digby, Anne, Lofting, Hugh, Norton, Mary, Gordon, John, Stewart, Mary, Birmingham, John, Herman, Gal, and others. The table has a header row and several data rows.</p>
Click on Data Preview again to navigate back to the Consumption Model.	
Click on Perspective.	<p>The screenshot shows the "Consumption Model" configuration screen for "BL Sales Consumption Model - All BL Sales Order Data". The "Perspectives (0)" tab is selected. It lists measures: Business Name, Net Amount, and Quantity, along with their source objects and measure types. A "Search measures" button is also present.</p>
Click + to add new Perspective.	<p>The screenshot shows the same consumption model configuration screen, but the "Perspectives (0)" tab is now active, indicating a new perspective is being created. The interface includes fields for Business Name, Technical Name, Fields, Created By, Created On, Changed By, Changed On, Deployment Status, and a "Search perspectives" button.</p>
Enter Business Name as <b>All BL Sales Order Data</b> , Technical Name is set automatically.  Take note of the technical name that you assign here, this will be used in a later exercise.	<p>The screenshot shows the "All BL Sales Order Data" perspective creation form. It requires a "Business Name" (set to "All BL Sales Order Data") and a "Technical Name" (set to "All_BL_Sales_Data"). Other fields like Deployment Status are also present.</p>

Explanation	Screenshot									
<p>Click  to add Measures.</p>	 <table border="1" data-bbox="510 369 1449 439"> <thead> <tr> <th data-bbox="510 369 959 397">Measure Selection</th> <th data-bbox="959 369 1449 397">Technical Name</th> </tr> </thead> <tbody> <tr> <td data-bbox="510 397 959 439" style="text-align: center;">No data</td> <td data-bbox="1400 348 1449 397" style="text-align: right;"></td> </tr> </tbody> </table>	Measure Selection	Technical Name	No data						
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<p>Select all the measures and click Apply.</p>	 <p>Select Measure</p> <p>Search </p> <p>Selected items: 2</p> <table border="1" data-bbox="551 665 975 834"> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Name</td> <td>Source Object</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Net Amount</td> <td>BL Sales Data ...</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Quantity</td> <td>BL Sales Data ...</td> </tr> </tbody> </table> <p> </p>	<input checked="" type="checkbox"/>	Name	Source Object	<input checked="" type="checkbox"/>	Net Amount	BL Sales Data ...	<input checked="" type="checkbox"/>	Quantity	BL Sales Data ...
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<p>Click  to add Attributes.</p>	 <table border="1" data-bbox="510 1024 1449 1094"> <thead> <tr> <th data-bbox="510 1024 959 1051">Attribute Selection</th> <th data-bbox="959 1024 1449 1051">Technical Name</th> </tr> </thead> <tbody> <tr> <td data-bbox="510 1094 959 1121" style="text-align: center;">No data</td> <td data-bbox="1400 1003 1449 1051" style="text-align: right;"></td> </tr> </tbody> </table>	Attribute Selection	Technical Name	No data						
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Explanation	Screenshot
<p>Select all and click Apply.</p>	 <p>The screenshot shows a 'Select Attribute' dialog box. At the top, it says 'Selected items: 16'. Below is a list of 16 items, each with a checked checkbox and a small icon. The items are: Name (Source Object), Author ID (Book Authors ...), Author Na... (Book Authors ...), Book ID, Book Title (Book Authors ...), Calendar ... (Time Dimensio...), Calendar ... (Time Dimensio...), Calendar ... (Time Dimensio...), Day of W... (Time Dimensio...), Genre ID (Book Authors ...), ISBN13 (Book Authors ...), Month (Time Dimensio...), Order Date, Order ID, PUBLISH... (Book Authors ...), Quarter (Time Dimensio...), and Year (Time Dimensio...). At the bottom are 'Apply' and 'Cancel' buttons, with 'Apply' being highlighted by a yellow box.</p>
<p>Click on Save and Deploy.</p> <p><b>Deploy</b></p>	 <p>The screenshot shows the 'Consumption Model' configuration page for 'All BL Sales Order Data'. It has tabs for General, Source Model, Measures (2), Attributes (16), Input Parameters (0), Filters, and Perspectives (1). Under the 'Attributes (16)' tab, there is a list of attributes with checkboxes. On the right, there is a 'Deploy' section with a 'Deploy' button highlighted by a yellow box. Other buttons in this section include 'Export CSV', 'Save', and 'Cancel'.</p>

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Click on Data Preview.	<p>Results</p> <table> <thead> <tr> <th>AUTHOR_NAME</th> <th>Author ID</th> <th>Net Amount</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>Dahl, Roald</td><td>655</td><td>831,933.00</td><td>41,570.00</td></tr> <tr><td>Tolkien, J. R. R. (John Ronald Reuel)</td><td>2690</td><td>95,200.00</td><td>2,330.00</td></tr> <tr><td>Steig, William</td><td>2561</td><td>105.00</td><td>3.00</td></tr> <tr><td>Dann, Colin</td><td>673</td><td>3,359.00</td><td>114.00</td></tr> <tr><td>Blume, Judy</td><td>303</td><td>2,125.00</td><td>72.00</td></tr> <tr><td>Blyton, Enid</td><td>306</td><td>1,344,389.00</td><td>41,322.00</td></tr> <tr><td>Paulsen, Gary</td><td>2114</td><td>1,588.00</td><td>55.00</td></tr> <tr><td>Gilletzman, Morris</td><td>1033</td><td>3,223.00</td><td>91.00</td></tr> <tr><td>Creech, Sharon</td><td>630</td><td>2,425.00</td><td>78.00</td></tr> <tr><td>Ibbotson, Eva</td><td>1342</td><td>91,030.00</td><td>1,971.00</td></tr> <tr><td>Kipling, Rudyard</td><td>1495</td><td>13,949.00</td><td>328.00</td></tr> <tr><td>Pastor, Sylvia</td><td>2170</td><td>2,813.00</td><td>97.00</td></tr> <tr><td>Allan, Tony</td><td>56</td><td>1,512.00</td><td>56.00</td></tr> <tr><td>Sachar, Louis</td><td>2370</td><td>34,037.00</td><td>851.00</td></tr> <tr><td>Oliver, Peter</td><td>2056</td><td>80.00</td><td>8.00</td></tr> <tr><td>Delahaye, Gilbert</td><td>716</td><td>24.00</td><td>1.00</td></tr> <tr><td>Tomlinson, Jill</td><td>2691</td><td>1,033.00</td><td>22.00</td></tr> <tr><td>Edwards, Dorothy</td><td>807</td><td>2,515.00</td><td>88.00</td></tr> </tbody> </table>	AUTHOR_NAME	Author ID	Net Amount	Quantity	Dahl, Roald	655	831,933.00	41,570.00	Tolkien, J. R. R. (John Ronald Reuel)	2690	95,200.00	2,330.00	Steig, William	2561	105.00	3.00	Dann, Colin	673	3,359.00	114.00	Blume, Judy	303	2,125.00	72.00	Blyton, Enid	306	1,344,389.00	41,322.00	Paulsen, Gary	2114	1,588.00	55.00	Gilletzman, Morris	1033	3,223.00	91.00	Creech, Sharon	630	2,425.00	78.00	Ibbotson, Eva	1342	91,030.00	1,971.00	Kipling, Rudyard	1495	13,949.00	328.00	Pastor, Sylvia	2170	2,813.00	97.00	Allan, Tony	56	1,512.00	56.00	Sachar, Louis	2370	34,037.00	851.00	Oliver, Peter	2056	80.00	8.00	Delahaye, Gilbert	716	24.00	1.00	Tomlinson, Jill	2691	1,033.00	22.00	Edwards, Dorothy	807	2,515.00	88.00
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