



INTERNAL

SAP Analytics Cloud hands-on exercises

This document will guide you step by step on the process of utilizing Search to Insight and Smart Insight features of SAP Analytics Cloud

THE BEST RUN



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DISCLAIMER

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OBJECTIVE

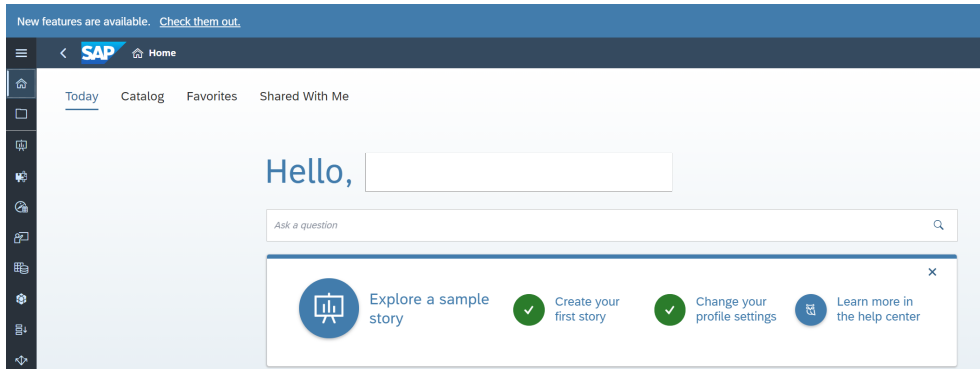

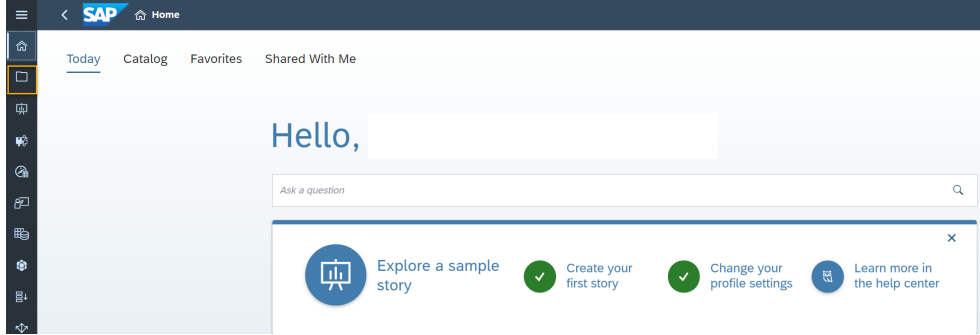
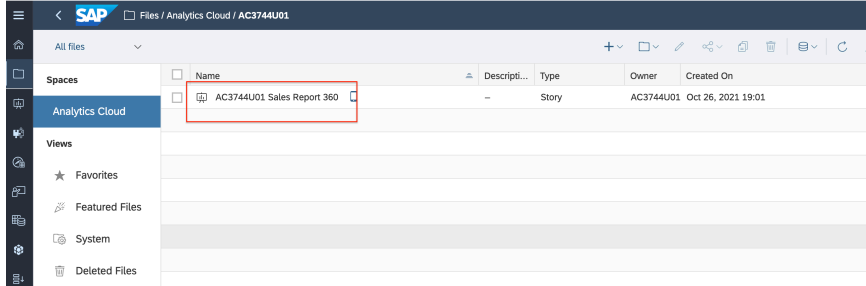
The objective of this exercise is to give you an overview of how you can use the Search to Insight and Smart Insight features of SAP Analytics cloud


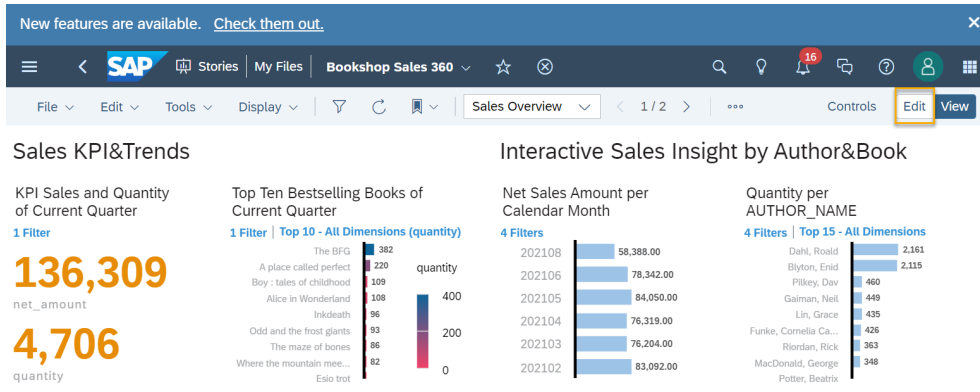
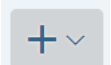
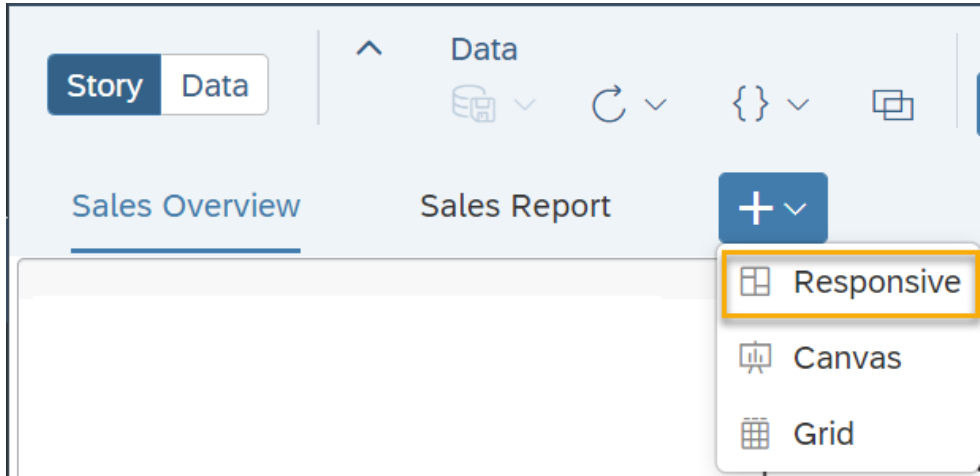
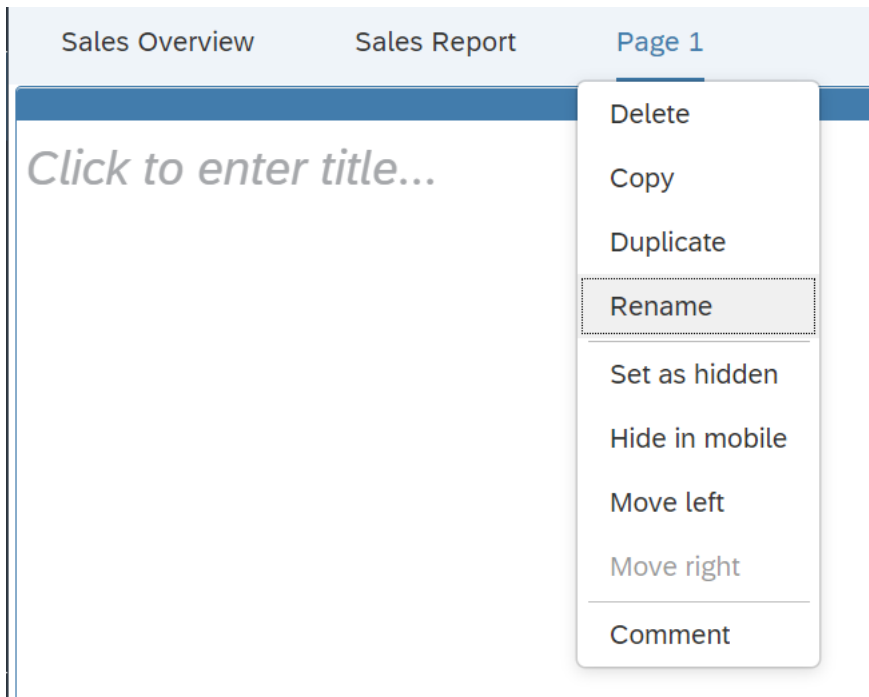
SCENARIO

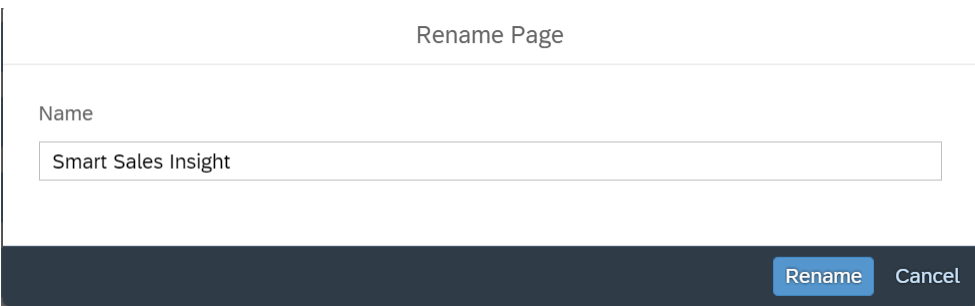

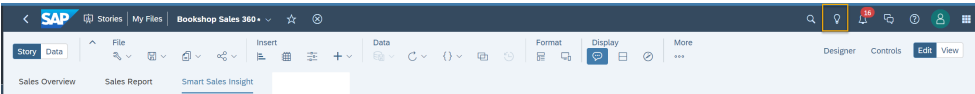
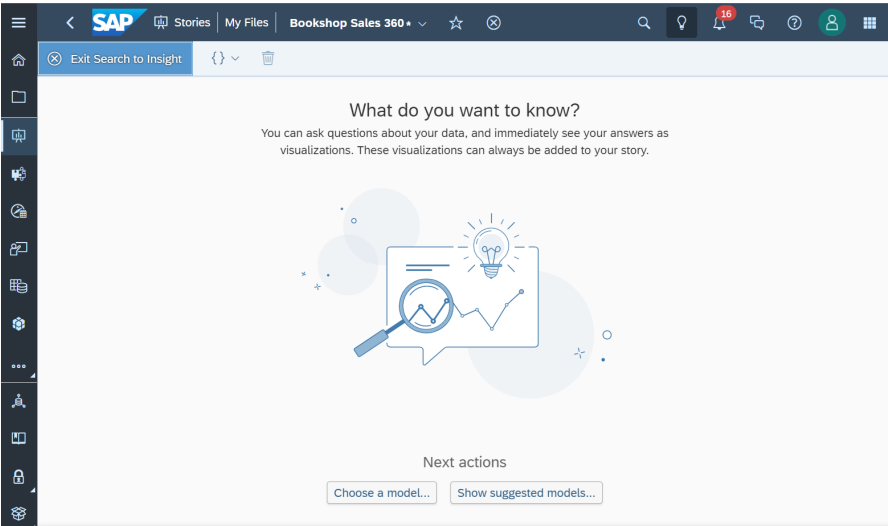
The book sales data is uploaded to SAP analytics cloud. You would like to explore how SAP Analytics Cloud can provide insights to your data based on the simple questions you ask to the system. You would like to an overview of how the Search to Insight functionality of SAP Analytics Cloud will provide you detail information available in your data set.

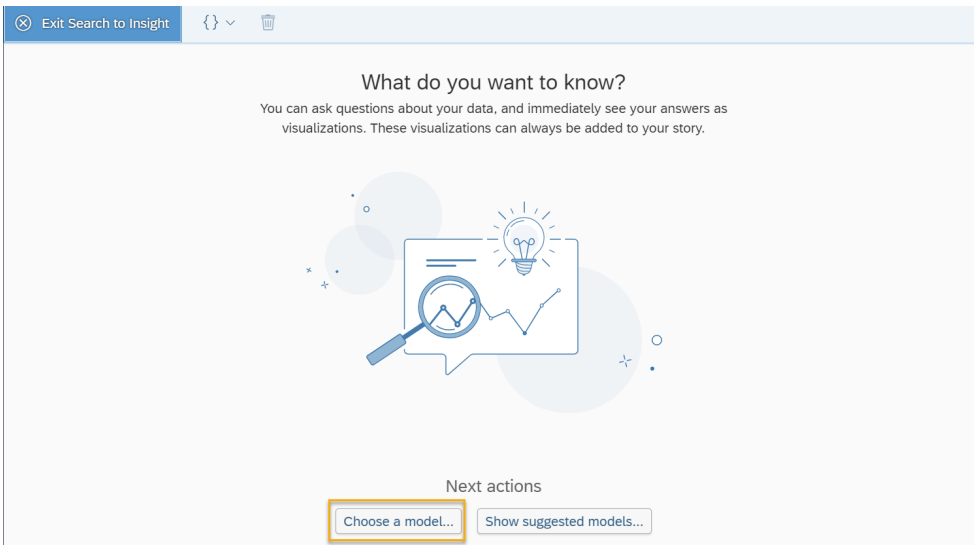
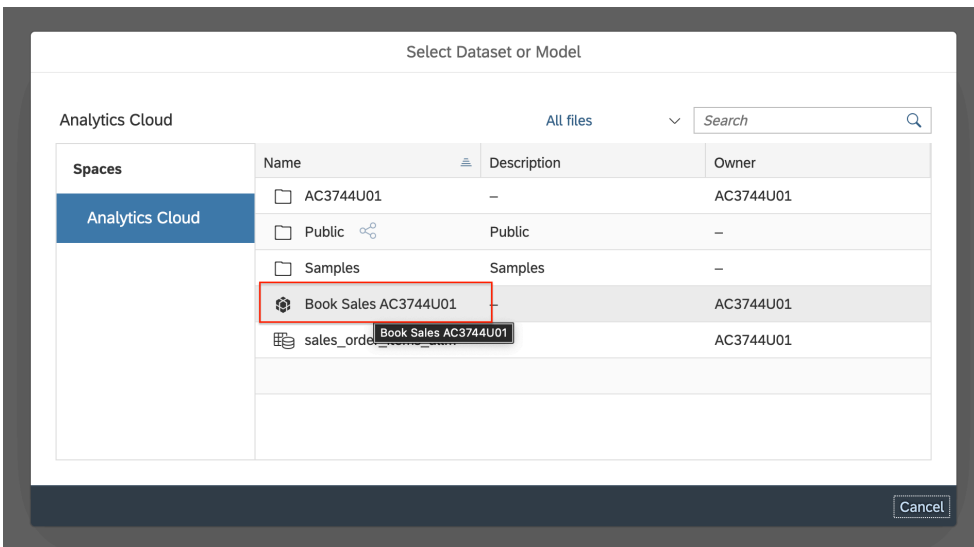

ENVIRONMENT ACCESS – SAP ANALYTICS CLOUD

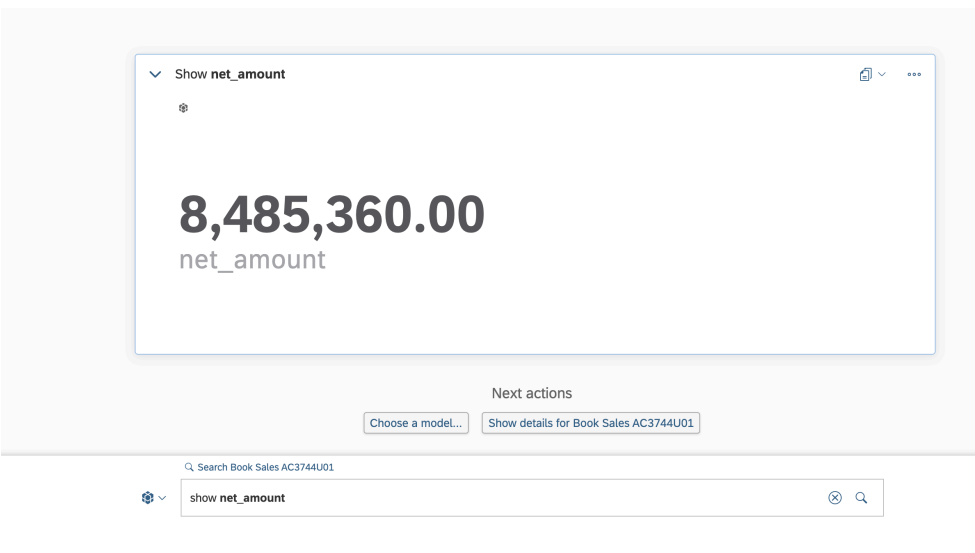
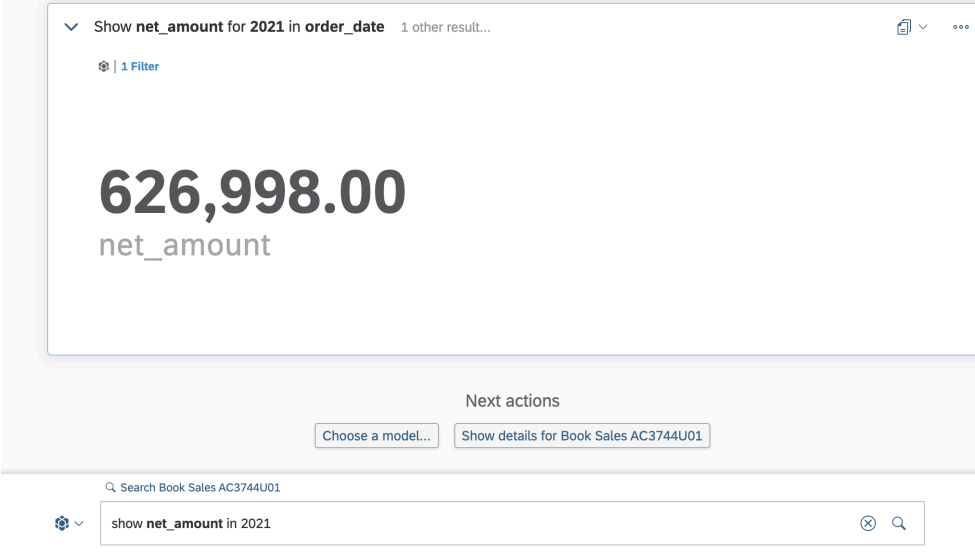
The development environment we will use for the hand-on exercises will be SAP Analytics Cloud (SAC)

Explanation	Screenshot
Log on to SAP Analytics Cloud and Get to the Home Screen	
Click on the Files 	
From the Files menu open the Sales 360 story you created in the previous exercise	

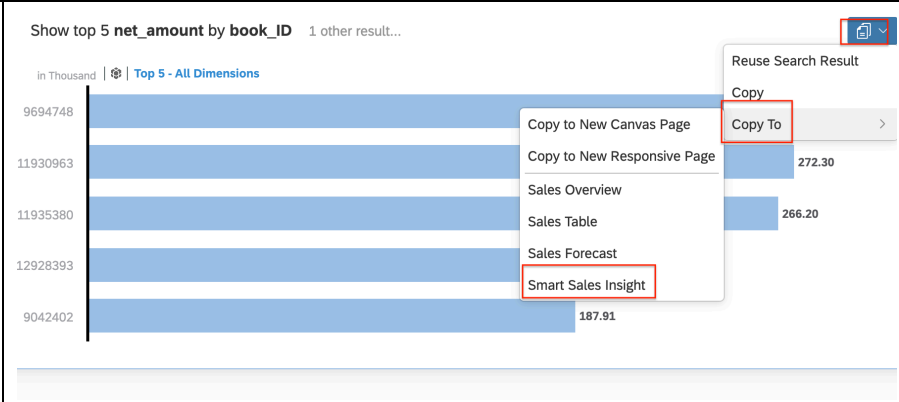
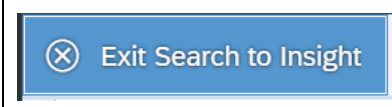
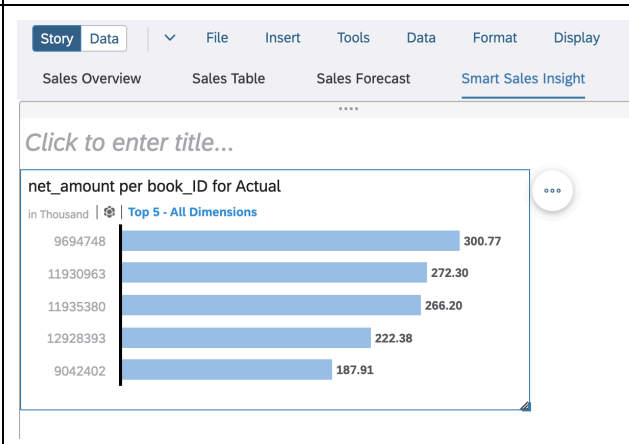
Explanation	Screenshot
<p>The story opens in view mode. Click on</p> <p>Edit </p>	
<p>Navigate to the pages and click on Add New Page</p> <p> and click Responsive</p>	
<p>A new page will be added to your story. Click on the page and select rename. Rename the page as “Smart Sales Insight” and click Rename</p>	

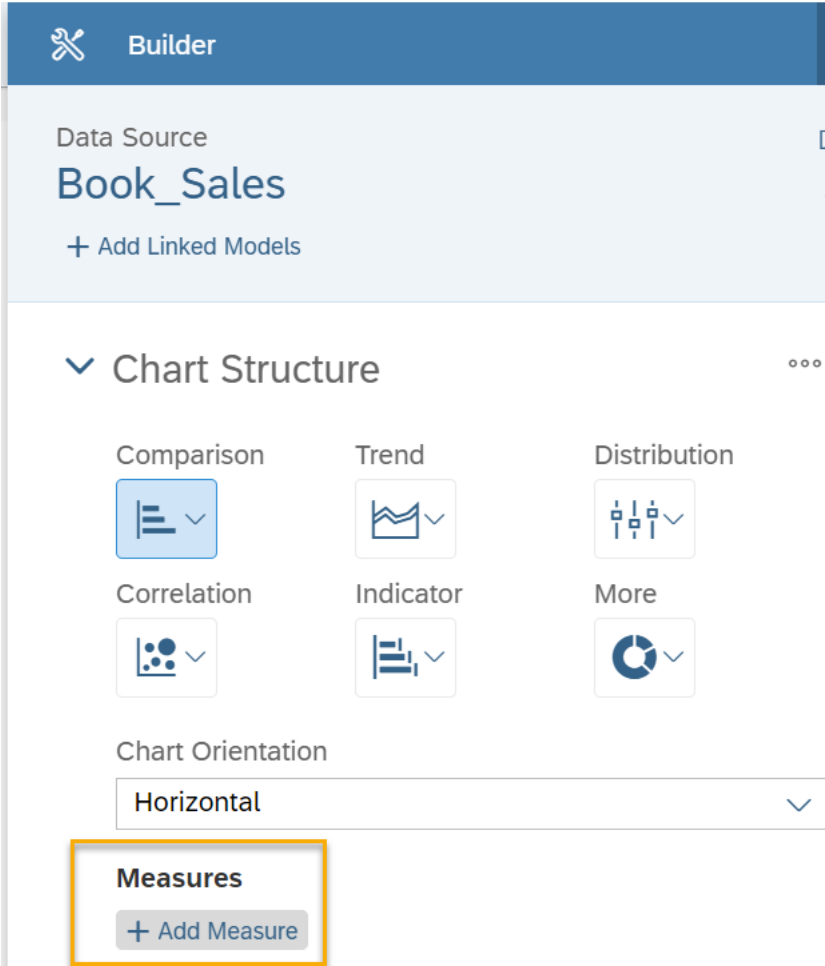
Explanation	Screenshot
	
<p>Navigate to the top right corner of the page and click on</p> 	
<p>System will open the Search to Insight Screen</p>	

Explanation	Screenshot																								
<p>On the Search to Insight screen click on</p> <div>Choose a model...</div>																									
<p>Select the Book Sales data model you created in exercise DV305_Exercise02</p>	 <table><thead><tr><th>Spaces</th><th>Name</th><th>Description</th><th>Owner</th></tr></thead><tbody><tr><td>Analytics Cloud</td><td>AC3744U01</td><td>-</td><td>AC3744U01</td></tr><tr><td></td><td>Public</td><td>Public</td><td>-</td></tr><tr><td></td><td>Samples</td><td>Samples</td><td>-</td></tr><tr><td></td><td>Book Sales AC3744U01</td><td></td><td>AC3744U01</td></tr><tr><td></td><td>sales_order</td><td></td><td>AC3744U01</td></tr></tbody></table>	Spaces	Name	Description	Owner	Analytics Cloud	AC3744U01	-	AC3744U01		Public	Public	-		Samples	Samples	-		Book Sales AC3744U01		AC3744U01		sales_order		AC3744U01
Spaces	Name	Description	Owner																						
Analytics Cloud	AC3744U01	-	AC3744U01																						
	Public	Public	-																						
	Samples	Samples	-																						
	Book Sales AC3744U01		AC3744U01																						
	sales_order		AC3744U01																						
<p>Type “Show net_amount” in the “Ask Question” box and press enter</p>																									



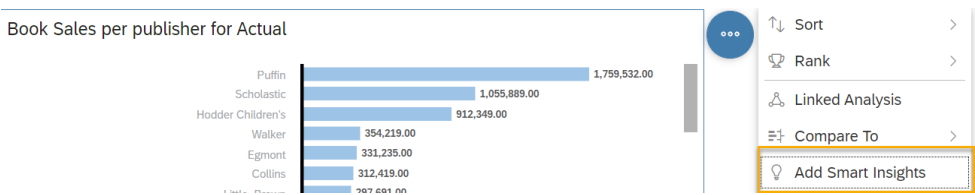
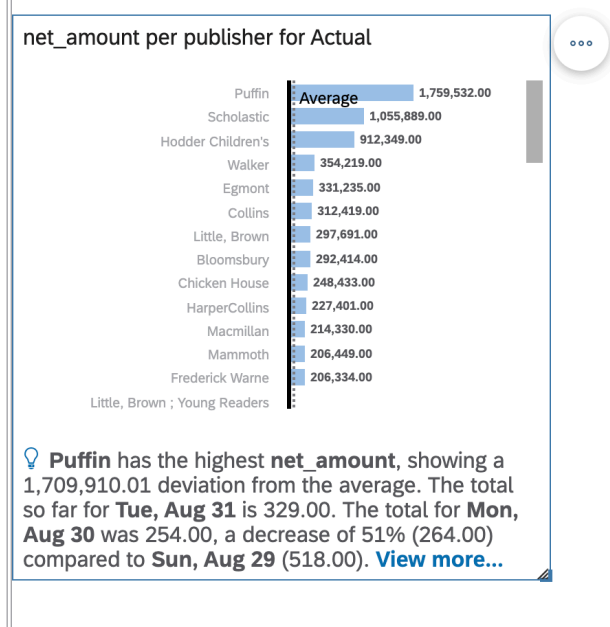

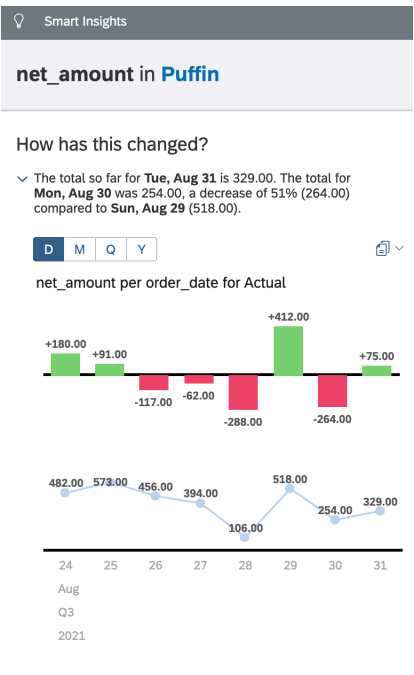
Explanation	Screenshot
System provides the total book sales amount (sum of net_amount throughout the dataset)	 <p>The screenshot shows a data visualization interface. At the top, a dropdown menu is set to 'Show net_amount'. Below this, a large card displays the value '8,485,360.00' in a bold, dark font, with 'net_amount' written in a smaller, lighter font underneath. Below the card, there are two buttons: 'Choose a model...' and 'Show details for Book Sales AC3744U01'. At the bottom, a search bar contains the text 'show net_amount'.</p>
Enhance the query to “Show net_amount in 2021” and press Enter. System provides the result	 <p>The screenshot shows the same data visualization interface but with an updated query. The dropdown menu now shows 'Show net_amount for 2021 in order_date' with a note '1 other result...'. The large card displays the value '626,998.00' in a bold, dark font, with 'net_amount' written in a smaller, lighter font underneath. Below the card, there are two buttons: 'Choose a model...' and 'Show details for Book Sales AC3744U01'. At the bottom, the search bar now contains the text 'show net_amount in 2021'.</p>


Explanation	Screenshot																		
<p>Enhance the query to “Show net_amount in 2021 by Month” and press Enter. System provides the result</p>	 <p>✓ Show net_amount by Month on order_date for 2021 in order_date</p> <p>In Thousand 1 Filter</p> <p>1M 3M 6M YTD 1Y All</p> <table border="1"> <thead> <tr> <th>Month</th> <th>net_amount</th> </tr> </thead> <tbody> <tr><td>Jan 2021</td><td>92.68</td></tr> <tr><td>Feb 2021</td><td>83.09</td></tr> <tr><td>Mar 2021</td><td>76.2</td></tr> <tr><td>Apr 2021</td><td>76.32</td></tr> <tr><td>May 2021</td><td>84.05</td></tr> <tr><td>Jun 2021</td><td>78.34</td></tr> <tr><td>Jul 2021</td><td>77.92</td></tr> <tr><td>Aug 2021</td><td>56.99</td></tr> </tbody> </table> <p>Recommended follow-ups</p> <p>Display as Line</p> <p>Next actions</p> <p>Choose a model... Show details for Book Sales AC3744U01</p> <p>Search Book Sales AC3744U01</p> <p>show net_amount in 2021 by month</p>	Month	net_amount	Jan 2021	92.68	Feb 2021	83.09	Mar 2021	76.2	Apr 2021	76.32	May 2021	84.05	Jun 2021	78.34	Jul 2021	77.92	Aug 2021	56.99
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<p>We would like to get the Top 5 books based on the bnet_amount. Change the query to “Show Top 5 net_amount By book_ID” and press Enter</p>	 <p>✓ Show top 5 net_amount by book_ID 1 other result...</p> <p>In Thousand Top 5 - All Dimensions</p> <table border="1"> <thead> <tr> <th>book_ID</th> <th>net_amount</th> </tr> </thead> <tbody> <tr><td>9694748</td><td>300.71</td></tr> <tr><td>11930963</td><td>272.30</td></tr> <tr><td>11935380</td><td>266.20</td></tr> <tr><td>12928393</td><td>222.38</td></tr> <tr><td>9042402</td><td>187.91</td></tr> </tbody> </table> <p>Next actions</p> <p>Choose a model... Show details for Book Sales AC3744U01</p> <p>Search Book Sales AC3744U01</p> <p>show top 5 net_amount by book_ID</p>	book_ID	net_amount	9694748	300.71	11930963	272.30	11935380	266.20	12928393	222.38	9042402	187.91						
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Explanation	Screenshot										
We would like to copy the top 5 books chart to our story page “Smart Sales Insight”. Navigate to the chart and select Copy to Smart Sales Insight	 <p>Show top 5 net_amount by book_ID 1 other result...</p> <p>in Thousand Top 5 - All Dimensions</p> <table><tbody><tr><td>9694748</td><td>300.77</td></tr><tr><td>11930963</td><td>272.30</td></tr><tr><td>11935380</td><td>266.20</td></tr><tr><td>12928393</td><td>222.38</td></tr><tr><td>9042402</td><td>187.91</td></tr></tbody></table>	9694748	300.77	11930963	272.30	11935380	266.20	12928393	222.38	9042402	187.91
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Click on Exit Search To Insight											
You will be navigated to the Smart Sales Insight page of your story. The top 5 books chart will be available in the story.											
Click in the right Pane and Select Insert-> Chart											

Explanation	Screenshot
<p>The chart configuration window opens. Under</p> <p>Builder</p> <p>Click on Add Measure and</p> <p>Click on net_amount</p>	
<p>In the Dimensions click Add Dimension</p>	

Explanation	Screenshot
Select publisher dimension to be added to the chart	<div><div>Dimensions</div><div><div>Search</div><div><div><input type="checkbox"/> author_ID</div><div><input type="checkbox"/> book_ID</div><div><input type="checkbox"/> Category</div><div><input type="checkbox"/> order_date</div><div><input type="checkbox"/> order_ID</div><div><input checked="" type="checkbox"/> publisher</div></div><div>Expand List...</div></div></div>

Explanation	Screenshot																														
<p>Select the Chart and click  on  and click on Add Smart Insight</p>																															
<p>The smart insights are added at the bottom of the chart</p>	 <p>net_amount per publisher for Actual</p> <table border="1"> <thead> <tr> <th>Publisher</th> <th>net_amount</th> </tr> </thead> <tbody> <tr><td>Puffin</td><td>1,759,532.00</td></tr> <tr><td>Scholastic</td><td>1,055,889.00</td></tr> <tr><td>Hodder Children's</td><td>912,349.00</td></tr> <tr><td>Walker</td><td>354,219.00</td></tr> <tr><td>Egmont</td><td>331,235.00</td></tr> <tr><td>Collins</td><td>312,419.00</td></tr> <tr><td>Little, Brown</td><td>297,691.00</td></tr> <tr><td>Bloomsbury</td><td>292,414.00</td></tr> <tr><td>Chicken House</td><td>248,433.00</td></tr> <tr><td>HarperCollins</td><td>227,401.00</td></tr> <tr><td>Macmillan</td><td>214,330.00</td></tr> <tr><td>Mammoth</td><td>206,449.00</td></tr> <tr><td>Frederick Warne</td><td>206,334.00</td></tr> <tr><td>Little, Brown ; Young Readers</td><td></td></tr> </tbody> </table> <p>Smart Insight: Puffin has the highest net_amount, showing a 1,709,910.01 deviation from the average. The total so far for Tue, Aug 31 is 329.00. The total for Mon, Aug 30 was 254.00, a decrease of 51% (264.00) compared to Sun, Aug 29 (518.00). View more...</p>	Publisher	net_amount	Puffin	1,759,532.00	Scholastic	1,055,889.00	Hodder Children's	912,349.00	Walker	354,219.00	Egmont	331,235.00	Collins	312,419.00	Little, Brown	297,691.00	Bloomsbury	292,414.00	Chicken House	248,433.00	HarperCollins	227,401.00	Macmillan	214,330.00	Mammoth	206,449.00	Frederick Warne	206,334.00	Little, Brown ; Young Readers	
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<p>Click on the View more...  The smart Insight Panel opens providing additional information like how the sales has changed over time ,top authors, top contributor</p>	 <p>Smart Insights</p> <p>net_amount in Puffin</p> <p>How has this changed?</p> <p>✓ The total so far for Tue, Aug 31 is 329.00. The total for Mon, Aug 30 was 254.00, a decrease of 51% (264.00) compared to Sun, Aug 29 (518.00).</p> <p>net_amount per order_date for Actual</p> <table border="1"> <thead> <tr> <th>Order Date</th> <th>net_amount</th> </tr> </thead> <tbody> <tr><td>24</td><td>482.00</td></tr> <tr><td>25</td><td>573.00</td></tr> <tr><td>26</td><td>456.00</td></tr> <tr><td>27</td><td>394.00</td></tr> <tr><td>28</td><td>106.00</td></tr> <tr><td>29</td><td>518.00</td></tr> <tr><td>30</td><td>254.00</td></tr> <tr><td>31</td><td>329.00</td></tr> </tbody> </table>	Order Date	net_amount	24	482.00	25	573.00	26	456.00	27	394.00	28	106.00	29	518.00	30	254.00	31	329.00												
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Explanation	Screenshot
	<p>What are the top contributors?</p> <ul style="list-style-type: none"> > Dahl, Roald is the top name contributor. The top 10 values contribute 1,534,967.00 (87%) overall. > 9694748 is the top book_ID contributor. The top 10 values contribute 1,330,695.00 (76%) overall. > 50248 is the top order_ID contributor. The top 10 values contribute 3,951.00 (0%) overall.
In the time period chart change the time granularity to YEAR	
<p>We want to add this chart to the story. To add the chart</p>  <p>to the story click on and select Copy to Smart Sales Insight</p>	
The chart will be added to the story	

