Tutorial Week 2 & 3 – Enterprise Systems – Sydney Campus

1. Summary of Lecture 1: Introduction to Enterprise Systems
2. Summary of Lecture 2: System Development Life Cycle and Introduction to SAI
3. Tutorial Week 2 & 3
4. Mastering SAP S/4HANA: A Comprehensive Guide to ERP System Integration and Application
5. Mastering SAP S/4HANA: A Comprehensive Guide to ERP System Integration and Application
6. Tutorial Week 2 & 3
7. Attendance

Lecturer/Tutor: Dr. Farshid Keivanian

Welcome to Weeks 2 and 3 of our tutorial series, where we dive deeper into the world of Enterprise Systems at the Sydney Campus. These sessions build upon the foundational knowledge from our previous lectures on interface design evaluation and enterprise systems. We'll explore expert reviews, usability testing, and various evaluation methods that are crucial for assessing the effectiveness of user interfaces. As we advance through these tutorials, we'll also engage with practical scenarios and hands-on SAP exercises to integrate theory with application, ensuring a comprehensive understanding of systems development and ERP system functionalities. This will prepare you for more complex concepts and applications in the coming weeks.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

Overview of Enterprise Systems

Enterprise Systems are large-scale software applications designed to integrate and manage core business processes across an organization. Common types of ES include:

- **Enterprise Resource Planning (ERP):** Systems that integrate core business processes like finance, HR, manufacturing, supply chain, services, procurement, and others.
- **Customer Relationship Management (CRM):** Systems focused on managing customer information, sales, and marketing.
- **Supply Chain Management (SCM):** Systems that manage the flow of goods and services from manufacturing to customer delivery.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

Objectives of Enterprise Systems

- **Integration:** Bringing together various business processes to ensure they work cohesively.
- **Automation:** Reducing the need for manual intervention in business processes.
- **Data Analytics:** Providing tools to analyze business operations and make informed decisions.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

Benefits of Enterprise Systems

- Improved efficiency and productivity by streamlining processes.
- Enhanced visibility into operations, leading to better decision-making.
- Increased scalability and flexibility in business operations.

Challenges of Implementing Enterprise Systems

- High initial costs and ongoing maintenance expenses.
- Complexity of installation and customization.
- Resistance to change from employees.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

Practical Example: A Retail Company in Australia Implementing ERP

Scenario:

Imagine a mid-sized retail company based in Sydney, Australia, aiming to manage its growing operations more effectively. The company decides to implement an ERP system to improve its inventory management, sales processing, and customer relationship management.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

Steps Involved:

1. **Requirement Analysis:** Understanding the specific needs of the business, including inventory turnover rates and customer interaction data.
2. **System Selection:** Choosing an ERP system that best fits their needs, possibly SAP or Oracle.
3. **Customization and Integration:** Tailoring the ERP system to align with the company's processes and integrating it with existing systems.
4. **Training and Change Management:** Training staff to use the new system and managing the transition process.

1. Summary of the Lecture 1: Introduction to Enterprise Systems

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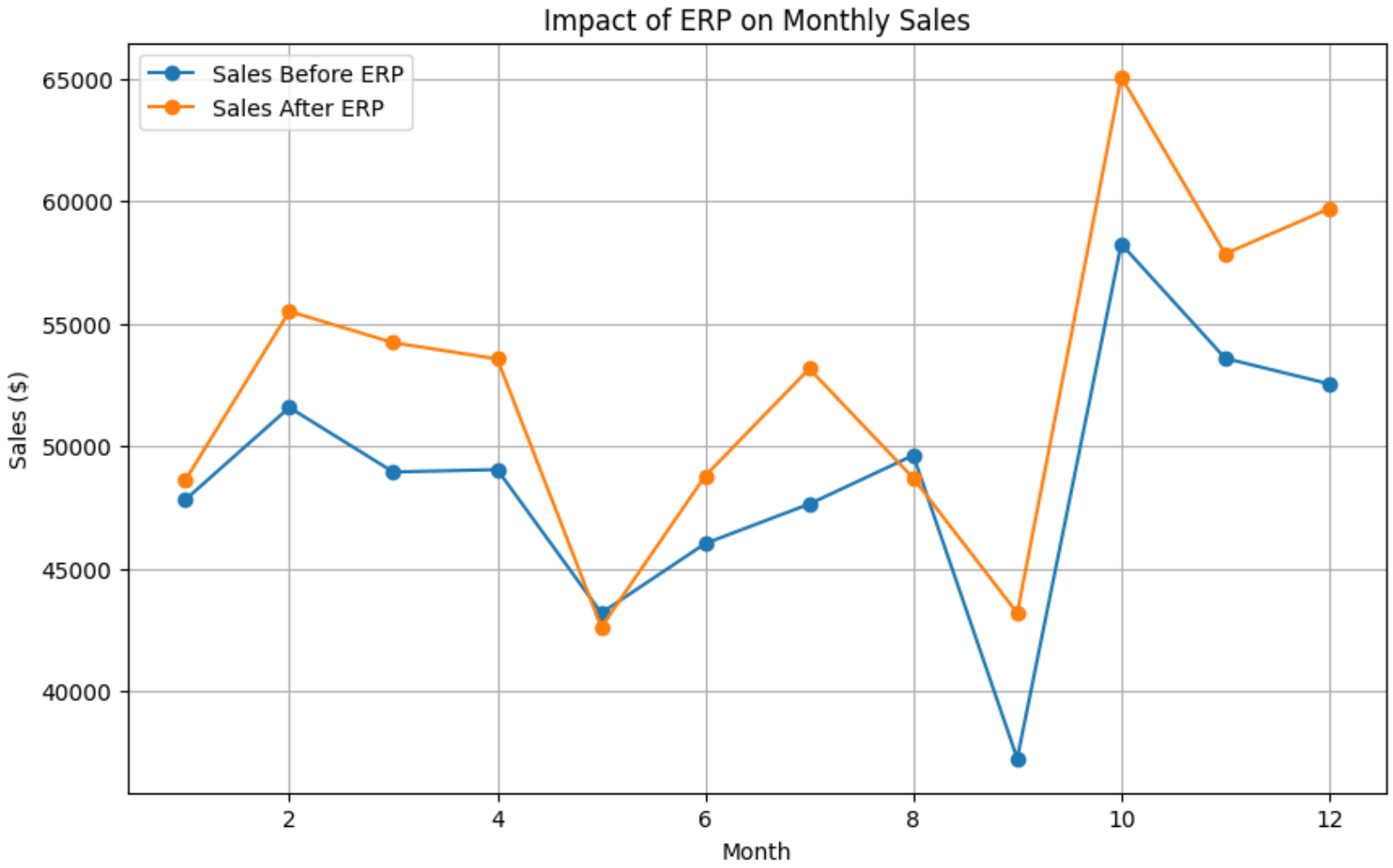
Data Analysis:

To show the impact of the ERP implementation, we could analyze monthly sales data before and after the ERP goes live.

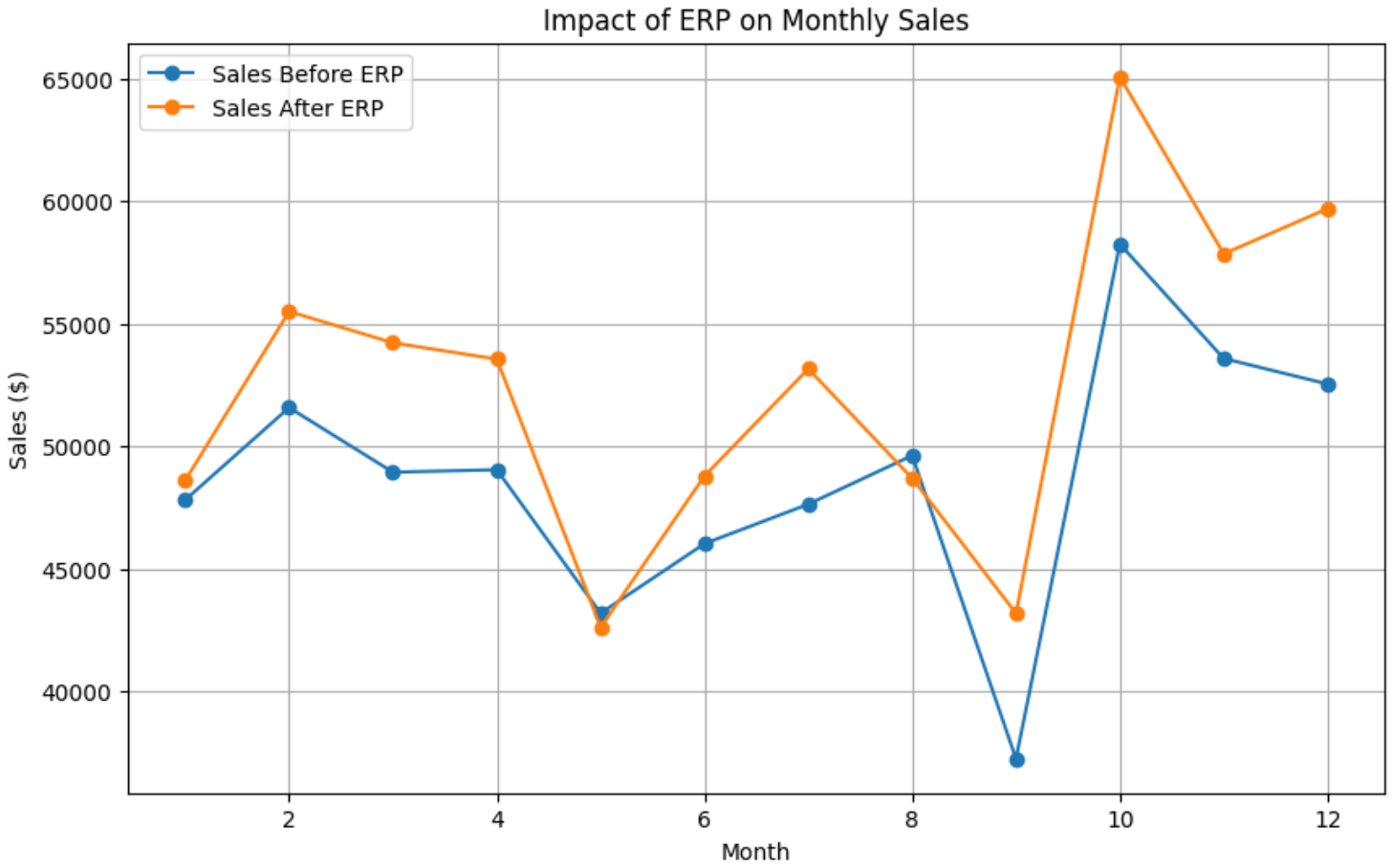
- Let's generate a hypothetical plot showing this:

This plot would ideally show an upward trend in sales post-implementation, illustrating the potential benefits of an ERP system for streamlining operations and boosting sales.



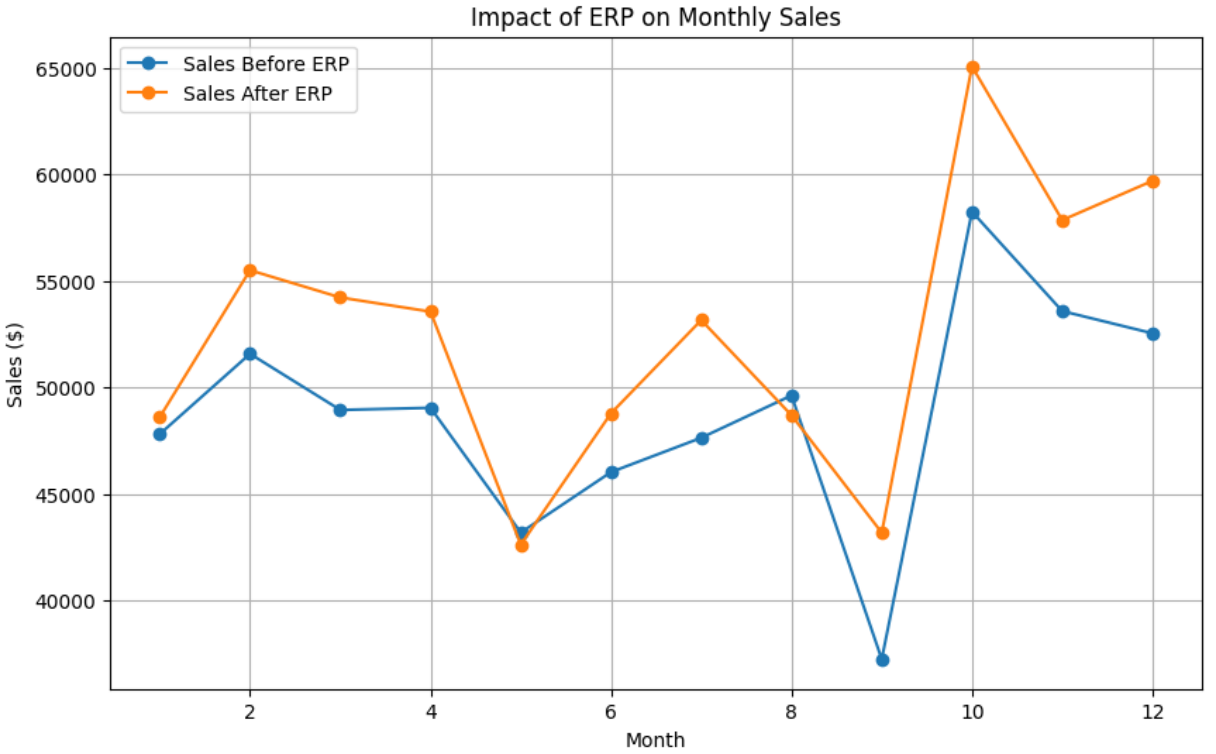
The plot compares monthly sales figures before and after the implementation of an Enterprise Resource Planning (ERP) system. Here's an analysis based on the visual information provided:

1. Sales Trends: There are two distinct lines on the plot representing sales data over a 12-month period. The blue line represents sales before the ERP was implemented, and the orange line represents sales after the ERP implementation.



1. Summary of the Lecture 1: Introduction to Enterprise Systems

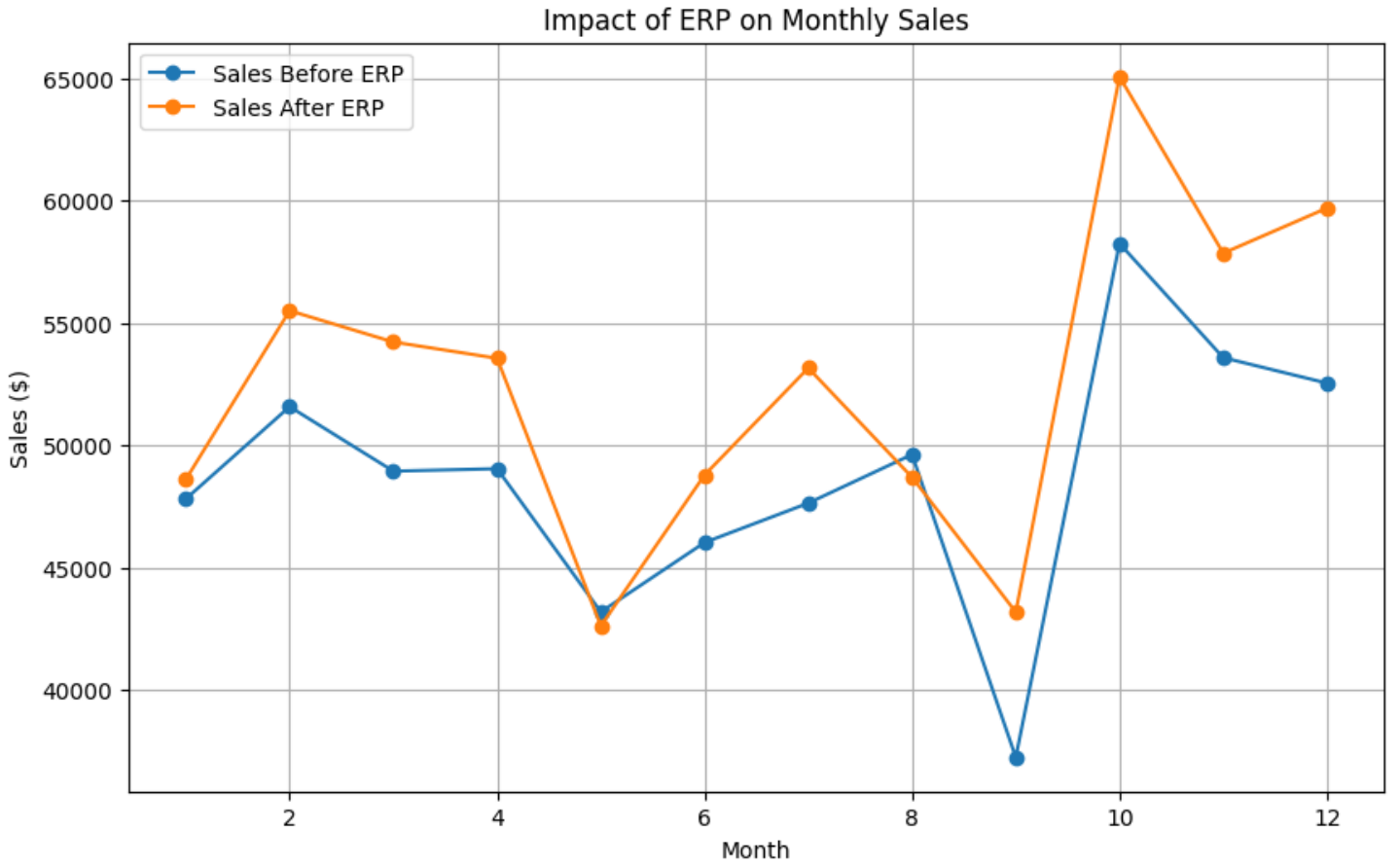
2. Volatility: The sales data both before and after the ERP implementation show variability throughout the year. This is typical for retail sales, which can fluctuate due to various factors such as seasonality, promotions, and market conditions.



3. Post-ERP Increase: The sales after ERP implementation, on average, seem to be higher than the sales before. This suggests that the ERP system may have had a positive impact on sales performance. However, without statistical analysis, we can't confirm if the increase is significant or simply due to natural fluctuations.

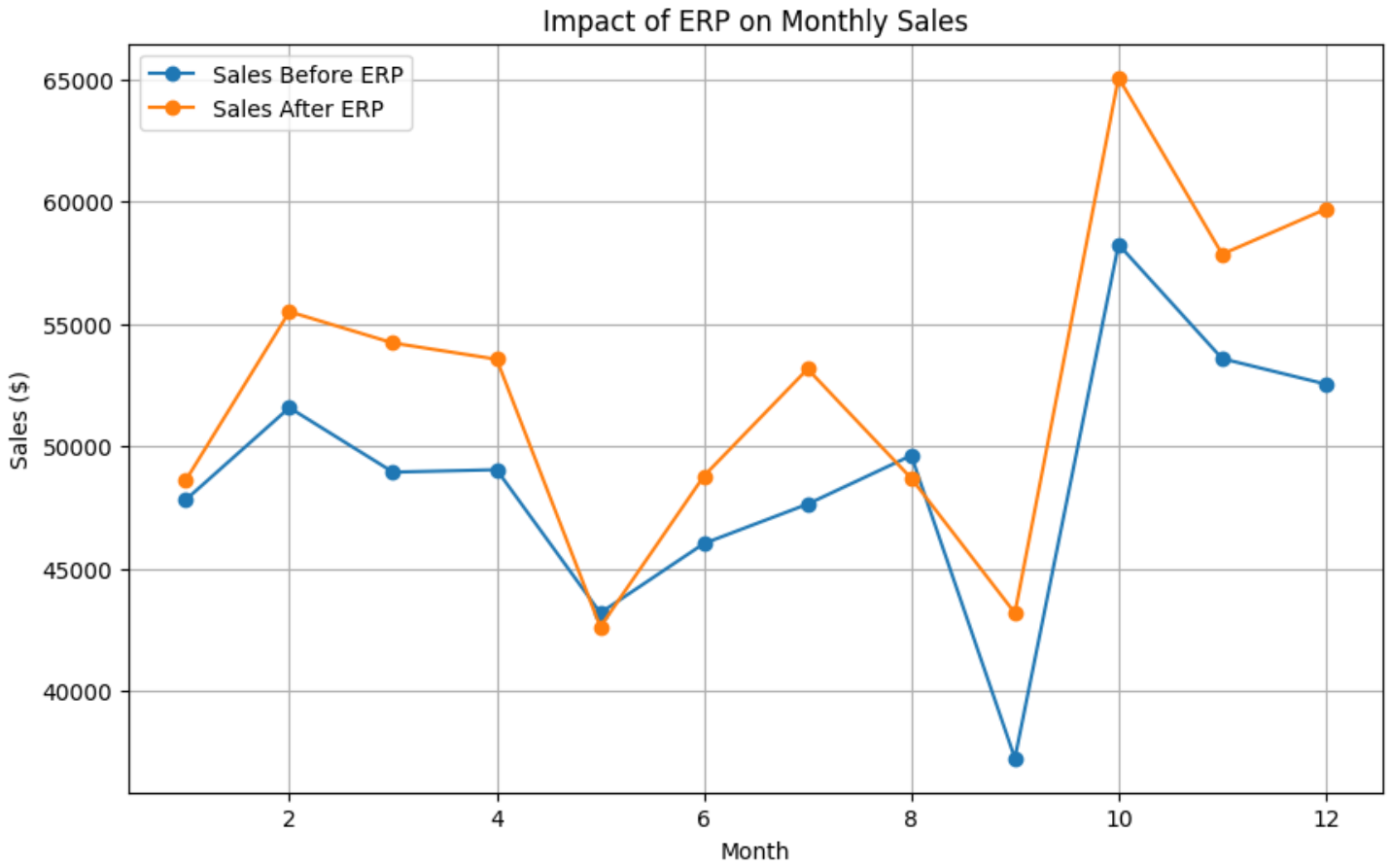
4. Seasonal Patterns: It's not clear from the plot if there are any seasonal patterns, as there is only one year of data. Multiple years would be needed to identify seasonality.

5. Data Spread: The range of sales both before and after ERP implementation shows a wide spread, indicating that there could be high variability in monthly sales figures. This could be due to external factors affecting sales or internal operational issues.



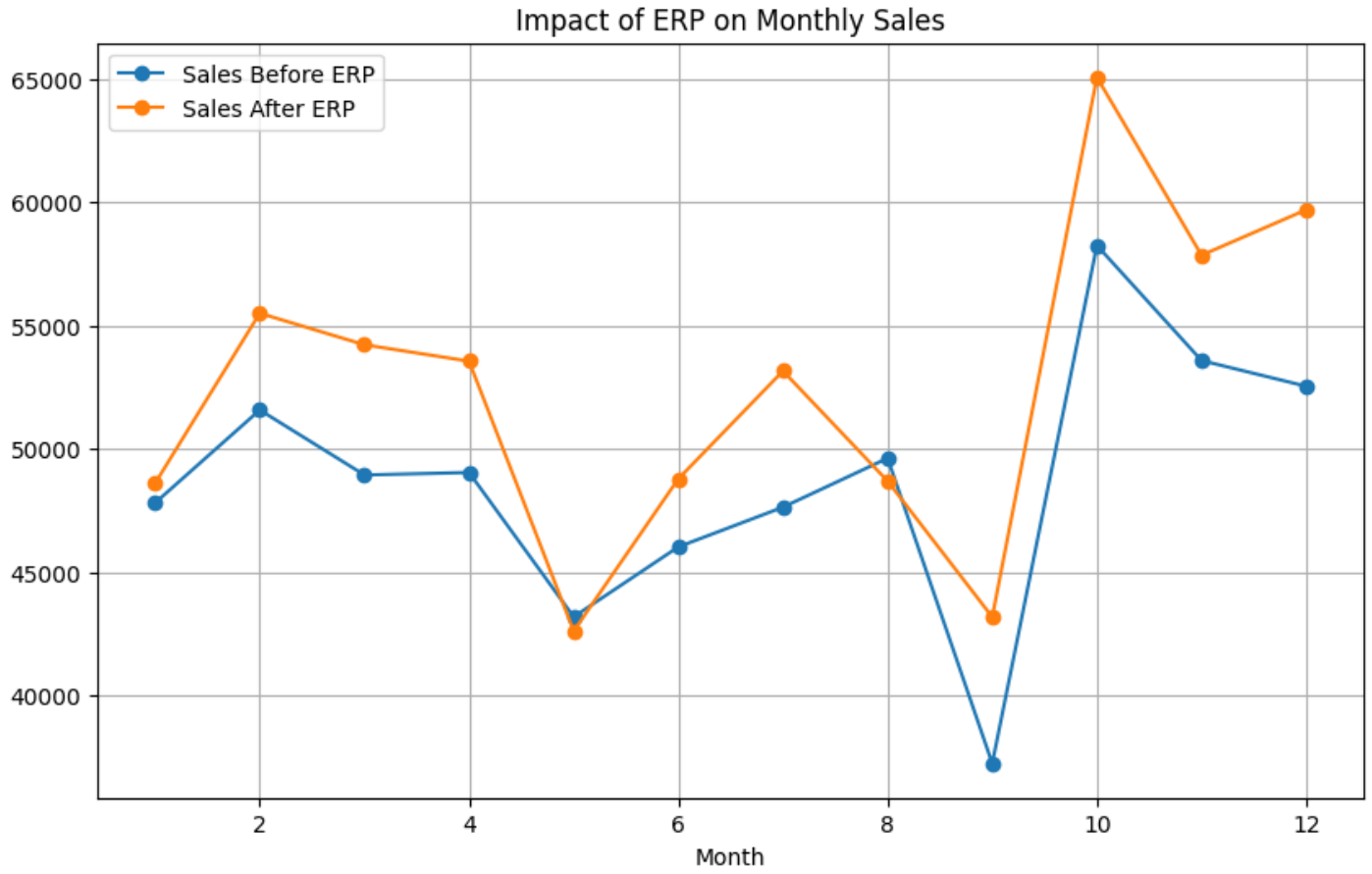
1. Summary of the Lecture 1: Introduction to Enterprise Systems

6. Highest and Lowest Sales: There are noticeable peaks and troughs in the plot. The highest sales after ERP implementation occur in the 11th month, while the lowest sales are seen in the 9th month. This could be due to seasonal effects or specific business activities.



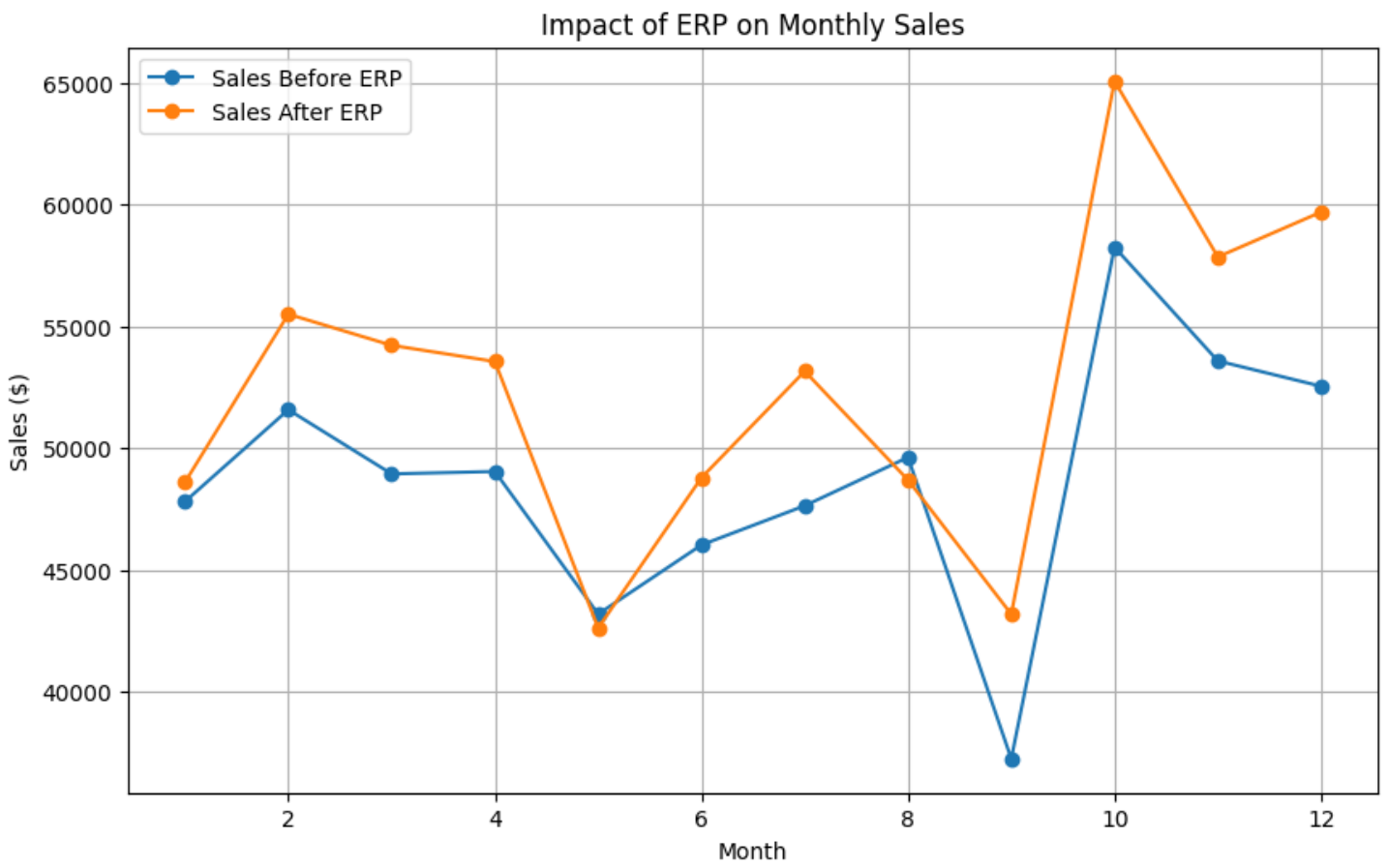
1. Summary of the Lecture 1: Introduction to Enterprise Systems

7. Data Generation: The data is synthetically generated using a normal distribution for both sets, with an imposed average increase of 10% for the post-ERP implementation data. In real-world scenarios, actual sales data would be needed for a substantive analysis.



To provide a more thorough analysis, we would typically:

- Assess the statistical significance of the difference in sales before and after ERP implementation using hypothesis testing.
- Analyze the data for patterns such as seasonality, trends, and outliers.
- Compare the results against industry benchmarks or internal targets to determine the relative success of the ERP implementation.



Given the random nature of the data generation, the analysis here is hypothetical. Real-world sales data would potentially include many more variables and require a deeper analytical approach to yield meaningful insights.

2. Enhancing SAP Software User Experience with Fiori: A Guide to Developing Custom Data Visualizations

SAP Fiori is a user experience design for SAP software. It represents a personalized, responsive, and simple user experience across devices and deployment options. Fiori uses web-based technologies like HTML5 and SAPUI5 to create a modern interface for SAP applications. While SAP Fiori itself is not a reporting tool, it provides a way to access SAP reports that have been created in the backend system.

For example, if the sales data is stored in an SAP system, you could use the analytical apps provided by SAP Fiori to visualize the data. These apps can connect to the backend SAP HANA database, where the data is processed, and then display the results in Fiori's user-friendly interface.

2. Enhancing SAP Software User Experience with Fiori: A Guide to Developing Custom Data Visualizations

However, to create custom visualizations, we would need to:

- Use SAP Analytics Cloud or SAP BusinessObjects for more complex and customizable reporting.
- Develop a custom SAPUI5 application that retrieves data from the SAP backend and uses a charting library to plot it.

SAPUI5 has its own set of controls for data visualization (e.g., VizFrame), which can be used to create charts and graphs.

2. Enhancing SAP Software User Experience with Fiori: A Guide to Developing Custom Data Visualizations

Here's a simplified outline of the steps for creating a similar chart in an SAP system:

1. **Data Preparation:** Ensure that the relevant sales data is available in the SAP system and accessible through an OData service or other API.
2. **SAPUI5 Application Development:**

- Develop a custom SAPUI5 application.
- Utilize SAPUI5 data visualization libraries to create the chart.
- Bind the data source to the chart to display the data.

3. **Deployment:**

- Deploy the application on the SAP Fiori launchpad.
- Ensure that proper authorizations are set so the end-users can access it.

2. Enhancing SAP Software User Experience with Fiori: A Guide to Developing Custom Data Visualizations

To actually produce these results using SAP Fiori, you would need access to the SAP system, relevant permissions, and possibly the help of an SAP developer to create or customize an app for these specific reporting needs. The detailed implementation would be quite technical and would go beyond what we could outline in a general summary.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

Lecture 2 focuses on understanding the Systems Development Life Cycle (SDLC), the ERP Implementation Life Cycle, and introducing SAP ERP systems. The lecture aims to compare and contrast the SDLC with the ERP Life Cycles (ERPLC), emphasizing the roles of project management office (PMO) and project organization in successful ERP implementations. Key components include:

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

- **SDLC Overview:** A review of traditional methodologies and approaches of SDLC.
- **ERP Implementation Life Cycle:** Understanding ERP implementation through a systematic approach, highlighting traditional and rapid ERP life cycles.
- **Introduction to SAP:** Overview of SAP as a company, its history, ERP solutions, and key business suits.
- **Case Study Review:** Application of theories through the Global Bike company case study, which is a practical application in an ERP environment.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

Practical Example: SAP Implementation in an Australian Context

Scenario

Consider an Australian manufacturing company, "Aussie Cycles," which specializes in producing high-end bicycles. The company is transitioning from legacy systems to SAP ERP to streamline operations, enhance production efficiency, and improve inventory management.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

Implementation Steps

1. **Project Preparation:** Define project goals, scope, and establish a project team. Secure executive buy-in from Aussie Cycles' senior management.
2. **Business Blueprint:** Develop a detailed plan of the company's business processes to configure SAP ERP, focusing on critical areas such as Procurement, Sales, Inventory, and Financials.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

3. **Realization:** Configure the SAP system according to the blueprint, perform necessary customization, and prepare for testing.
4. **Final Preparation:** Conduct user training, system testing, and data migration. Prepare for go-live by ensuring all business and system requirements are met.
5. **Go-Live and Support:** Switch operations from the legacy system to the SAP ERP system. Provide ongoing support and resolve any post-implementation issues.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

Example: Inventory Management Enhancement

Current Problem:

Aussie Cycles has issues with stock outs and excess inventory due to poor inventory management and forecasting.

SAP Solution:

Implement SAP's Material Management module to automate inventory tracking, improve material requirement planning, and optimize stock levels based on real-time data.

Expected Outcome:

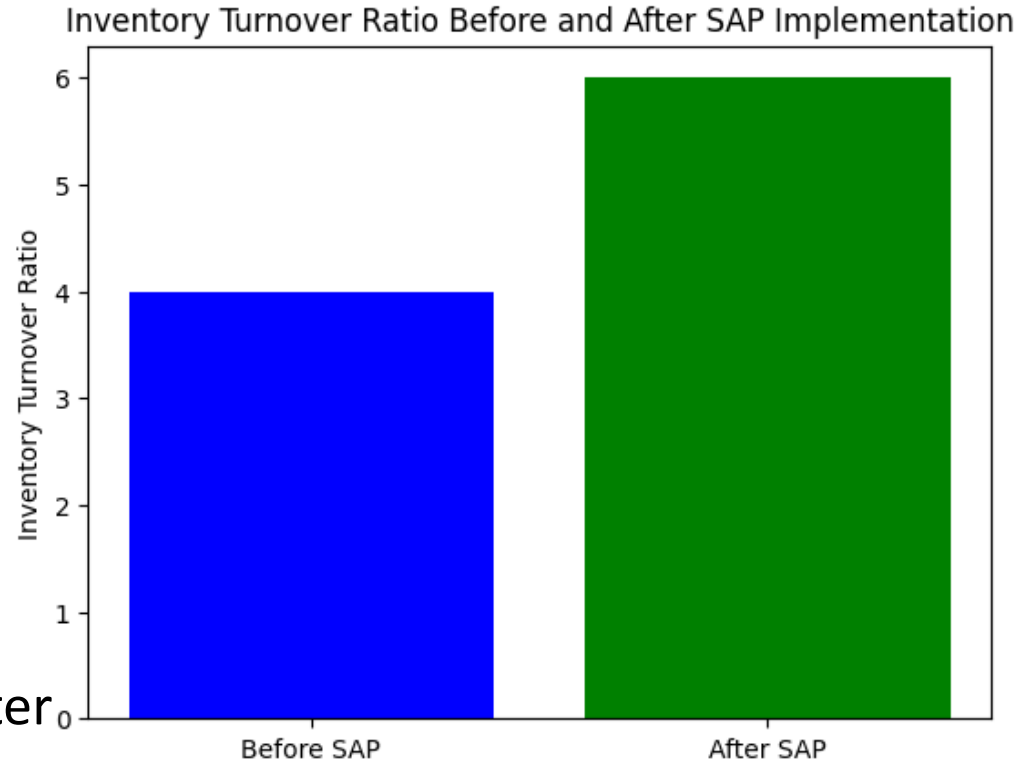
Enhanced production planning, reduced storage costs, and improved customer satisfaction through better product availability.

3. A summary of Lecture 2: System Development Life Cycle and Introduction to SAP

Visualization: Impact of SAP Implementation on Inventory Efficiency

Let's create a simple plot to visualize the expected improvement in inventory turnover ratio before and after SAP implementation. This ratio measures how often a company replaces its inventory in a given period and is a critical metric for assessing the efficiency of inventory management.

The bar chart illustrates the hypothetical impact of SAP implementation on the inventory turnover ratio of a business, where the inventory turnover ratio represents the number of times a company's inventory is sold and replaced over a period.



Before the implementation of SAP, the turnover ratio was 4, indicating that the inventory was turned over 4 times a year. After implementing SAP, the ratio increased to 6, suggesting a more efficient use of inventory, with stock being replenished 6 times a year. This 50% increase in the turnover ratio implies that the company is able to sell and restock its inventory more frequently, which can be indicative of better inventory management and potentially improved sales processes, assuming constant or improved sales levels.

4. Mastering SAP S/4HANA: A Comprehensive Guide to ERP System Integration and Application

For us to effectively understand about SAP S/4HANA and its application within enterprise systems, a structured approach to the content can be extremely beneficial. Here's a comprehensive breakdown of key concepts, integrated with practical examples and relevant visual aids when necessary.

Core Concepts for Understanding SAP S/4HANA

1. Introduction to ERP Systems

- What is an ERP System?
- Purpose and Benefits of ERP Systems
- Overview of SAP S/4HANA as an advanced ERP system.

2. Components of SAP S/4HANA

Week 4 & 5, Week 6 & 7, Week 8 & 9

- **Core Modules:** Financials, Controlling, Sales, Accounting, Procurement, Fulfillment, Human Resources.
- **SAP Fiori:** Introduction to the user interface used in S/4HANA for enhanced user experience.

3. Navigating SAP S/4HANA

- Login and User Interface: How to access and navigate the system.
- Use of Fiori Launchpad: Understanding its layout and customization options.

4. Data Management

- Master Data vs. Transactional Data: Definitions and roles within SAP systems.
- Material Master: Importance in inventory and supply chain management.

5. Business Process Integration

- How SAP integrates and automates various business processes across departments.
- Example workflows like Order to Cash or Procure to Pay.

6. Reporting and Analytics

- Overview of reporting tools available in SAP S/4HANA.
- How to generate and customize reports.

5. Mastering SAP S/4HANA: A Comprehensive Guide to ERP System Integration and Application

Practical Example in Australia

To provide a practical example, consider an Australian manufacturing company using SAP S/4HANA to integrate and streamline their operations:

- **Company Profile:** A Melbourne-based company producing and distributing electronics.
- **Business Need:** Integration of processes across multiple departments from manufacturing to sales.
- **SAP Implementation:** Utilization of SAP modules to manage production schedules, inventory, procurement, sales orders, and customer relationships.

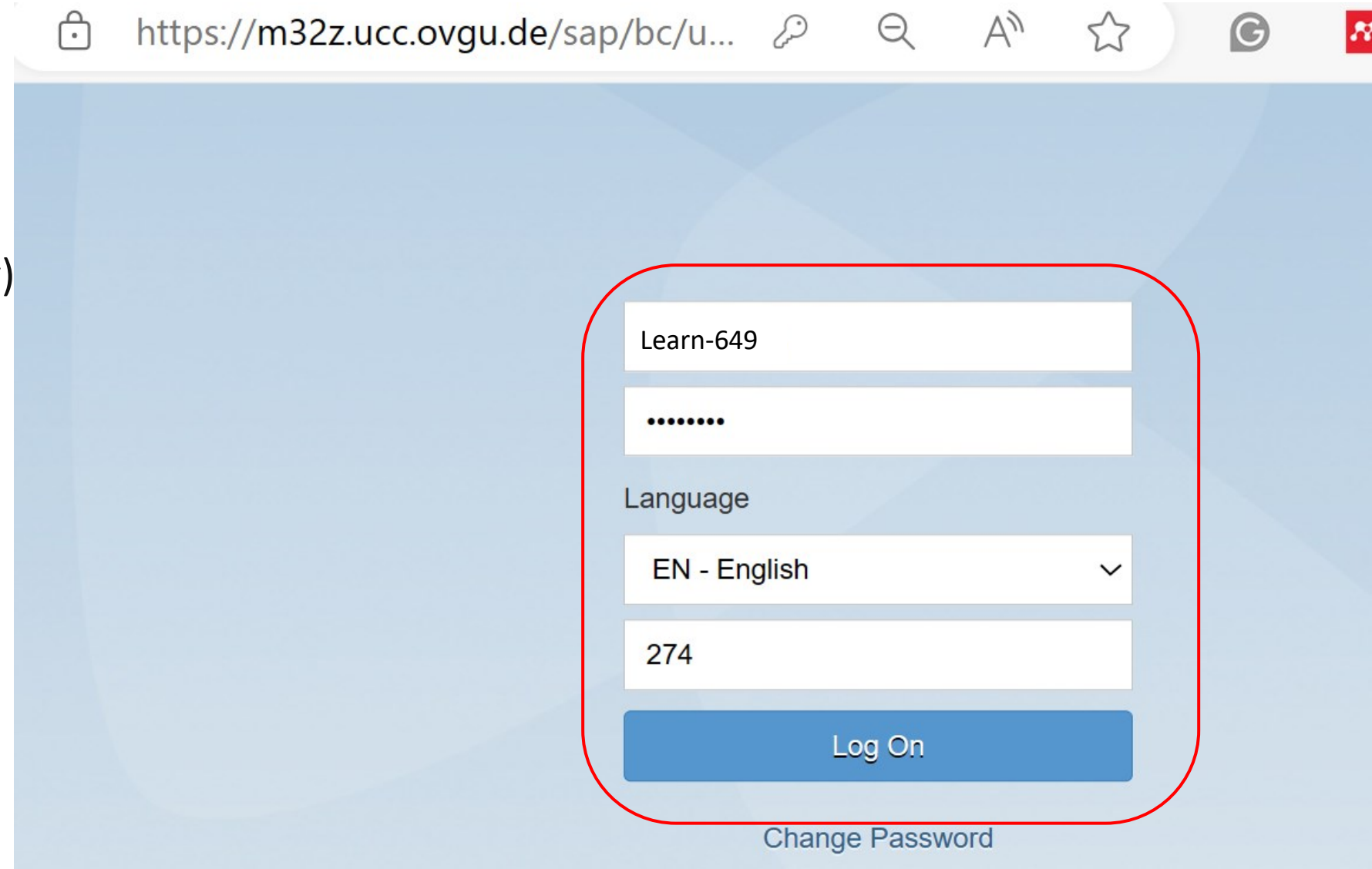
6. Tutorial Week 2 & 3

A) SAP Log in: https://m32z.ucc.ovgu.de/sap/bc/ui2/flp

Username) Learn-XXX

Learn-601 to Learn-650 (Sydney)

Initial Password) learnGBI



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HS2041 – Enterprise Systems

Introduction to SAP ERP S/4HANA

Overview

- SAP is a German Company (formed in 1972), that is currently one of the world's leading producers of software for the management of business processes (Enterprise Resource Planning Systems etc)
- SAP stands for **S**ystem **A**pplications and **P**roducts in data processing.
- S/4HANA refers to the **4th Generation** of SAP Business Suite based on the in-memory database (**H**igh performance **AN**alytic **A**ppliance) that allows companies to perform transactions and analyse business data in real time.
- **Fiori** is a design language and user experience approach that supports the creation of business apps with a consumer-grade user experience, turning casual users into SAP experts with simple screens that run on any device.

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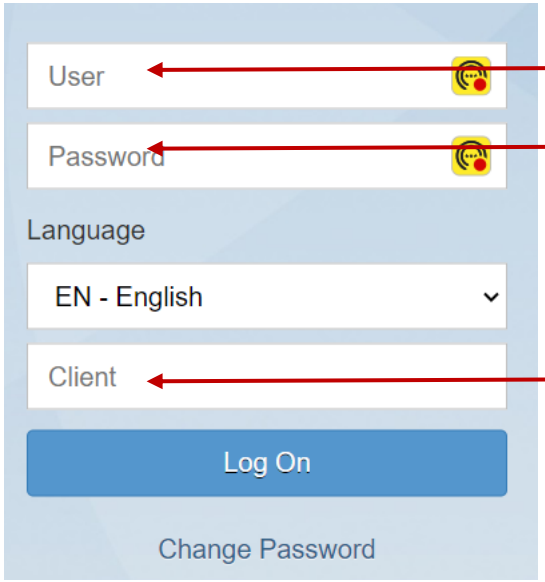
Logging in to S/4HANA

Logging in to the SAP S/4HANA System

- To access the SAP system, use the Web-GUI link below:
  - https://m32z.ucc.ovgu.de/sap/bc/ui2/flp
- The SAP Login Screen appears, follow the advice to sign in:



Your username is Learn-XXX (XXX is the number provided by your Lecturer/Tutor.

The initial password is learnGBI (case sensitive).

The Client number for Holmes Institute is 274

- The password needs to be changed after the initial sign-in and will be used for all future log-ins.

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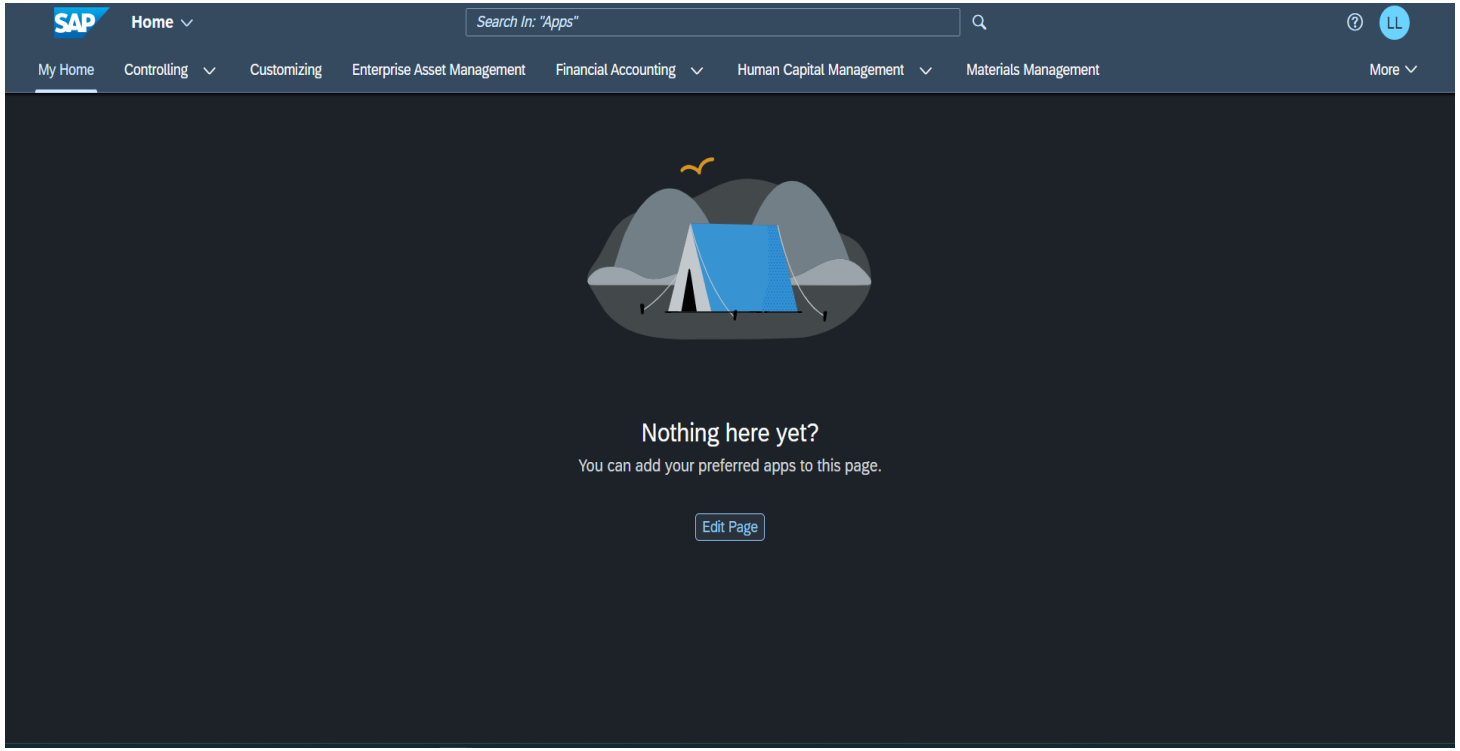
Understanding the GUI Interface for S/4HANA

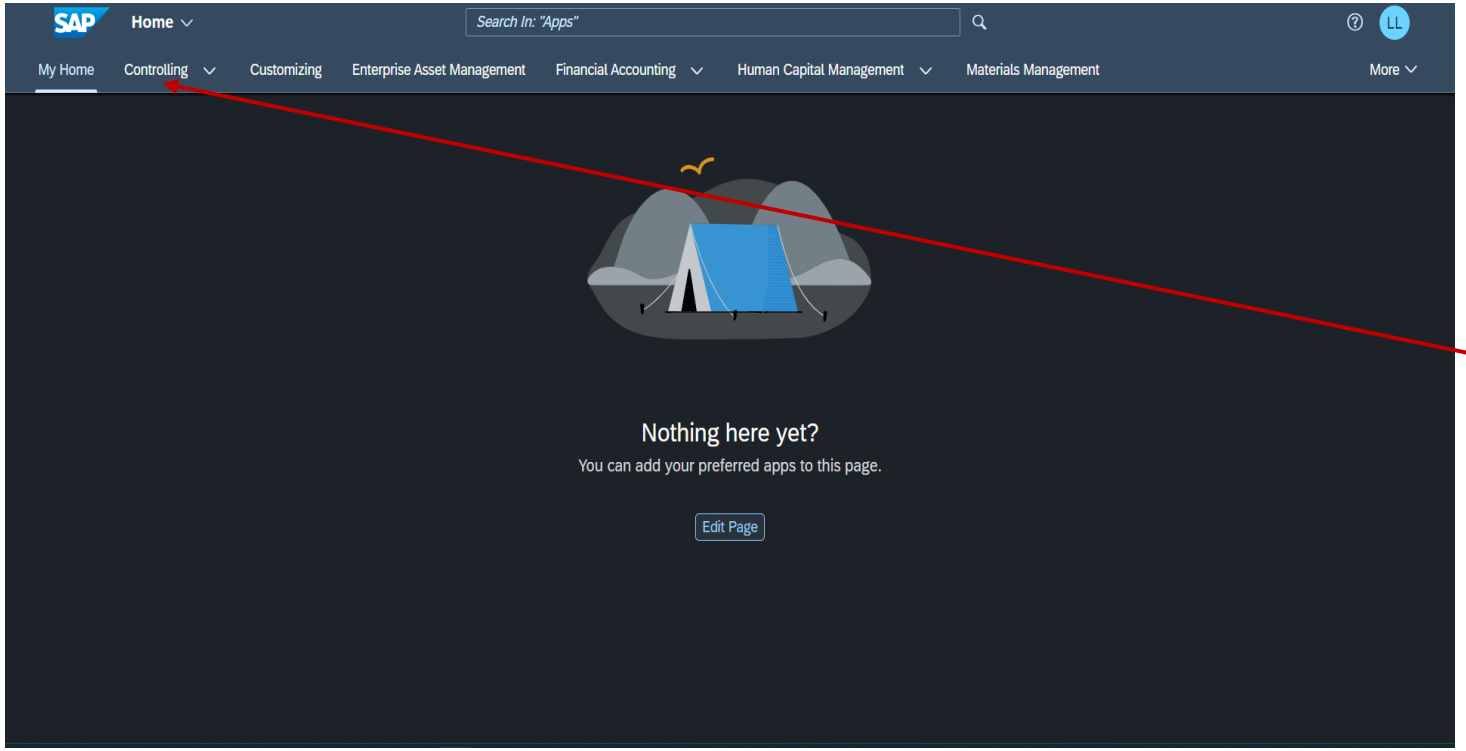
SAP S/4HANA Fiori Launch Pad

- The first screen that appears is the SAP Fiori launch home pad and is the main entry point for the SAP Fiori apps on mobile and desktop devices.



Exploring the Controlling Space

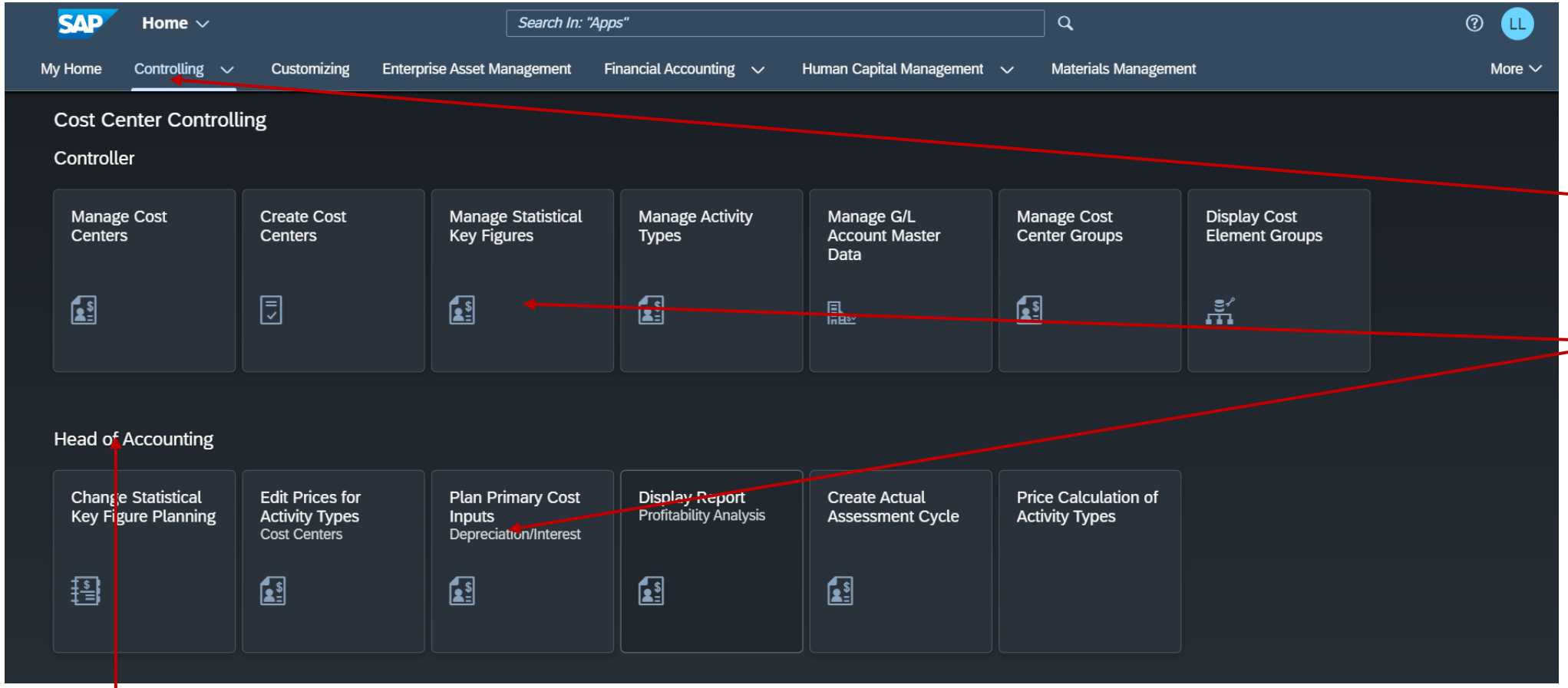
- For the Introduction workshop (Week 2 & 3), we will be using the Controlling space from the Selection bar.



Click on **Controlling** in the Space Selection Bar

Understanding the Fiori GUI

- The Fiori GUI includes several elements as referred below:



Space Selection Bar

Tiles

Role

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Global Bikes Inc. (Case Study Scenario)

Case Study Scenario

- Global Bikes Inc (GBI) is a fictitious company whose data is provided in the SAP System for analytical purposes.
- The company (GBI) was founded in 2001 following the merger of two bicycle manufacturers, one based in the US and the other in Germany.
- GBI has three lines of business:
  - deluxe and professional touring bikes,
  - men's and women's off-road bikes,
  - and bike accessories.
- GBI sells its bikes to a network of specialised dealers throughout the world, and it procures its raw materials from a variety of suppliers globally.

Case Study Scenario (Contd)

- GBI has two manufacturing facilities in the US and one in Germany.
- It also has three additional warehouses, two in the US and one in Germany.
- GBI has more than 100 employees globally.
- The organisation uses SAP ERP to support its processes.
- The company has a new bicycle for sale- Mongoose Mountain Bike. The SAP systems contain all the necessary data to support GBI's business processes.

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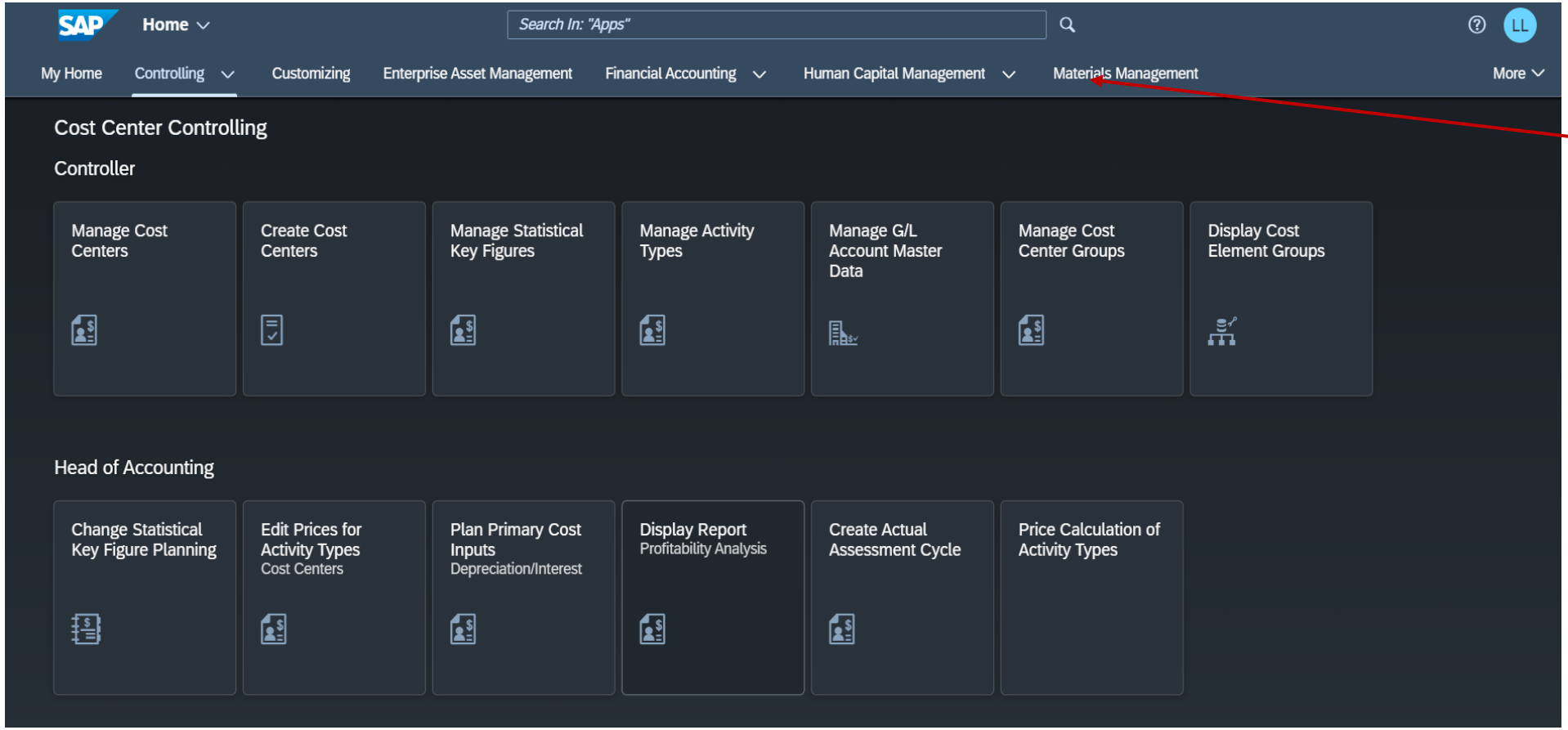
Understanding Data Navigation in SAP S/4HANA

Master Data Navigation

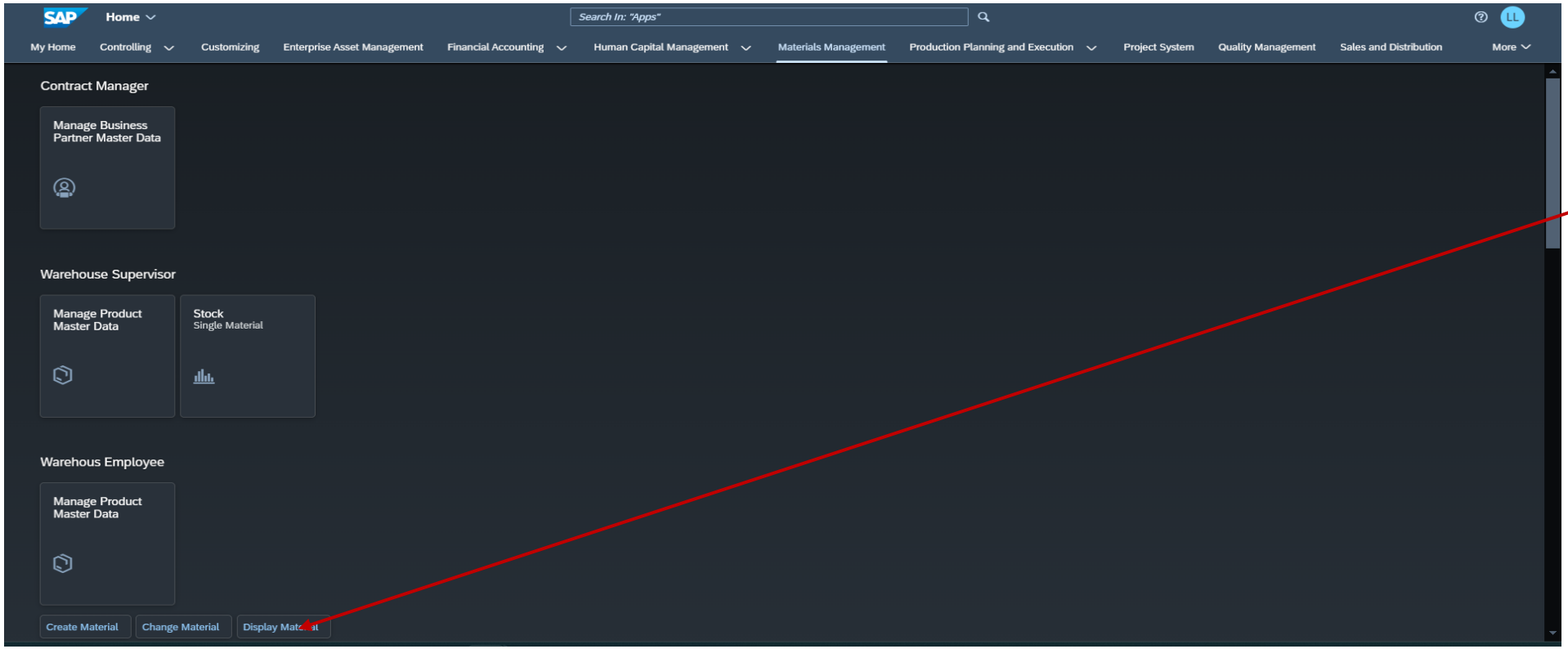
- This exercise is focused on navigating the Master Data for a particular product.



Click on Materials Management Space to view the apps and roles

Master Data Navigation (Contd)

- The task is to view the particulars of a specific product “Deluxe Touring Bike”. The roles in the space indicate that the “Warehouse Employee” role is suitable to “Display Materials”



Click on Display Material In the role of Warehouse Employee to start the transaction.

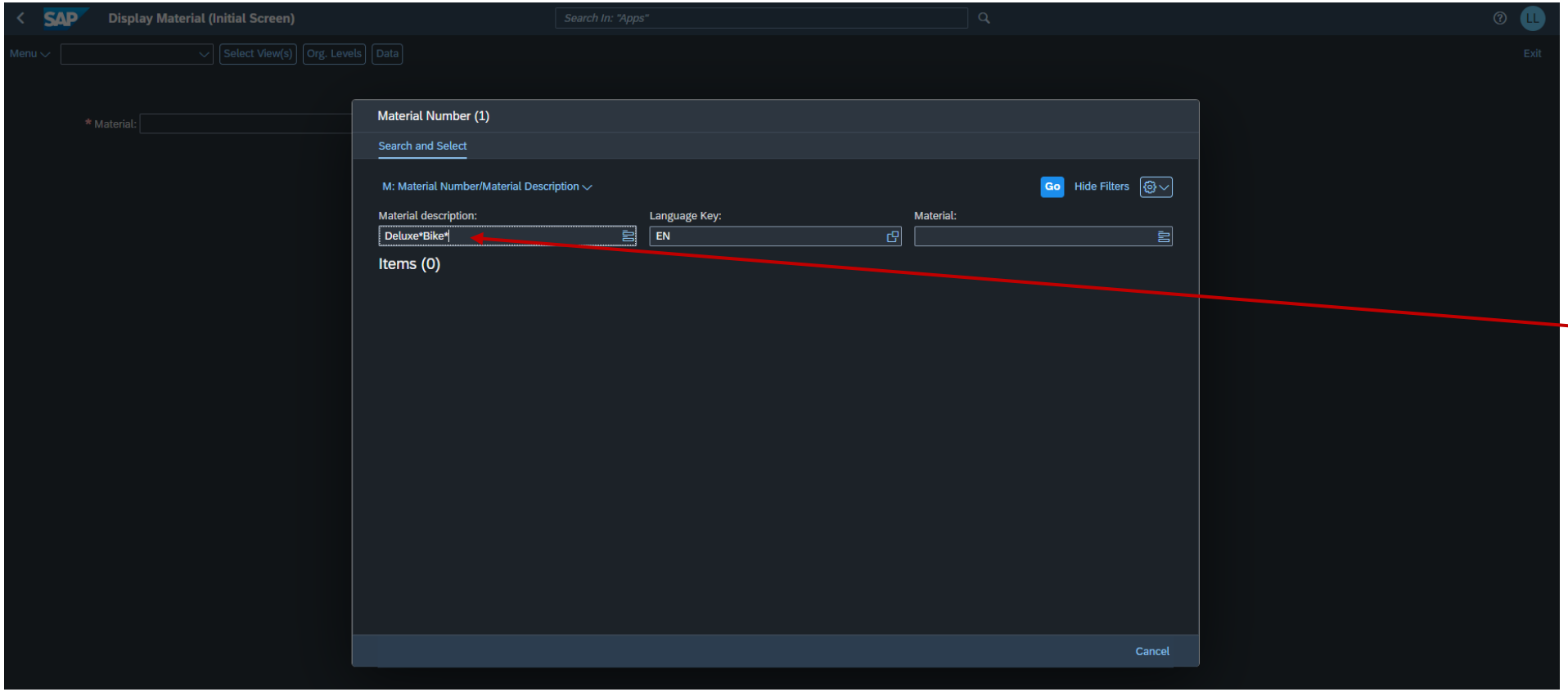
Master Data Navigation (Contd)

- Searching for a particular item can be initiated by using wildcards as illustrated in the tutorial handout.
- To commence the search, the search dialog box must be displayed.

Click on Icon to display the search dialog box.

Master Data Navigation (Contd)

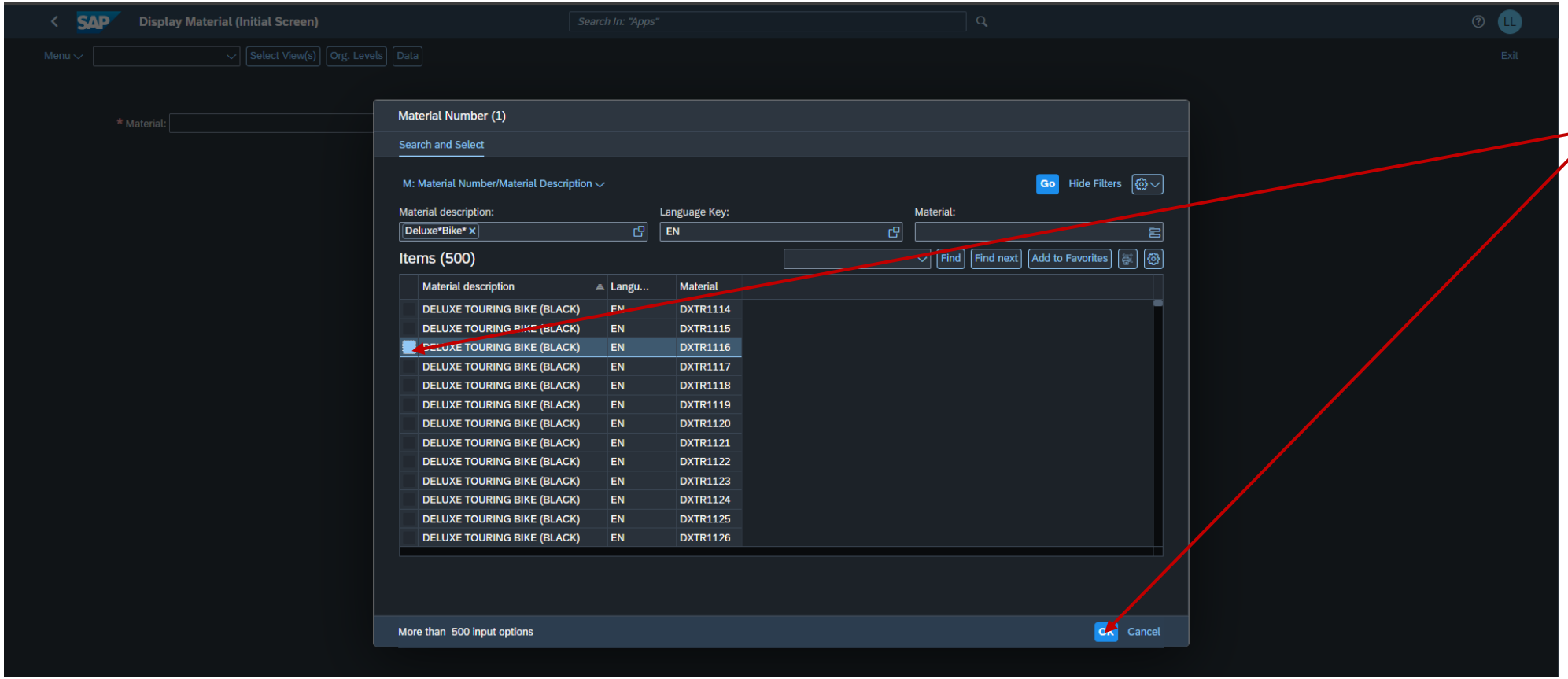
- We will use the materials description to search for the Deluxe Touring Bike particulars.



Type Deluxe*Bike* in the Material Description and press the Enter key

Master Data Navigation (Contd)

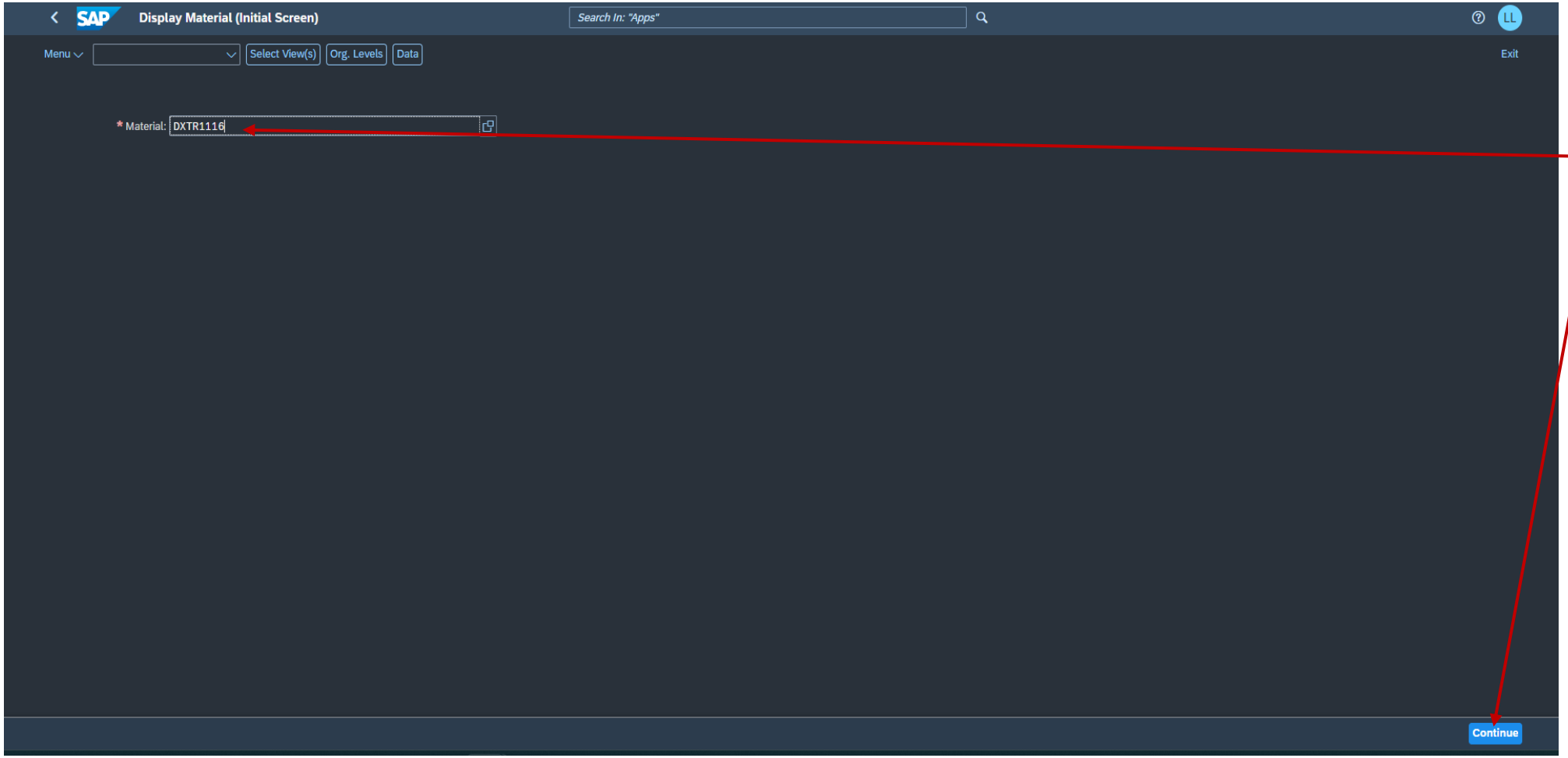
- To view the product details, click on any matching item from the list.



Select any matching item from the list and press ok

Master Data Navigation (Contd)

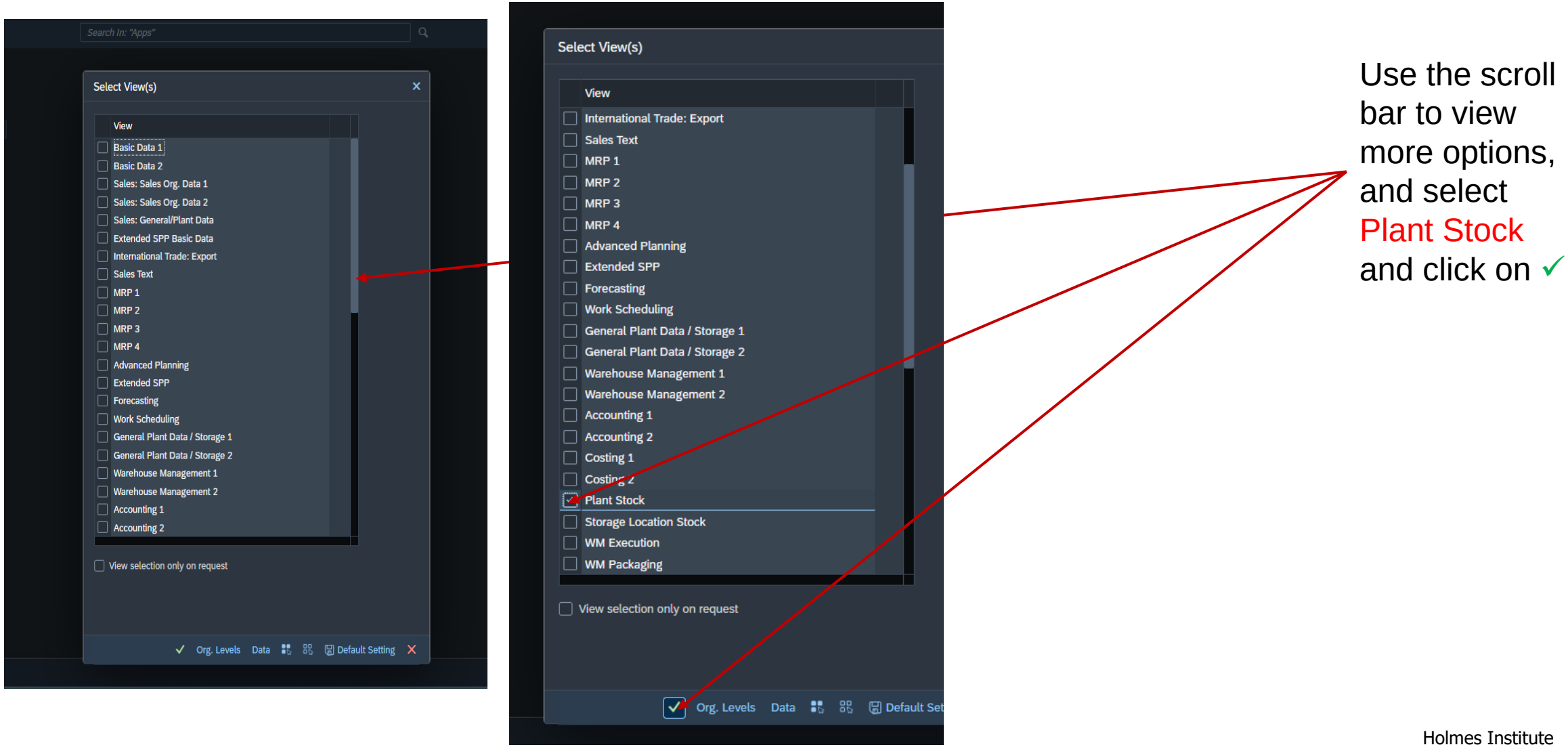
- The selection is displayed as Item code, press continue.



Product Item code is displayed, press continue.

Master Data Navigation (Contd)

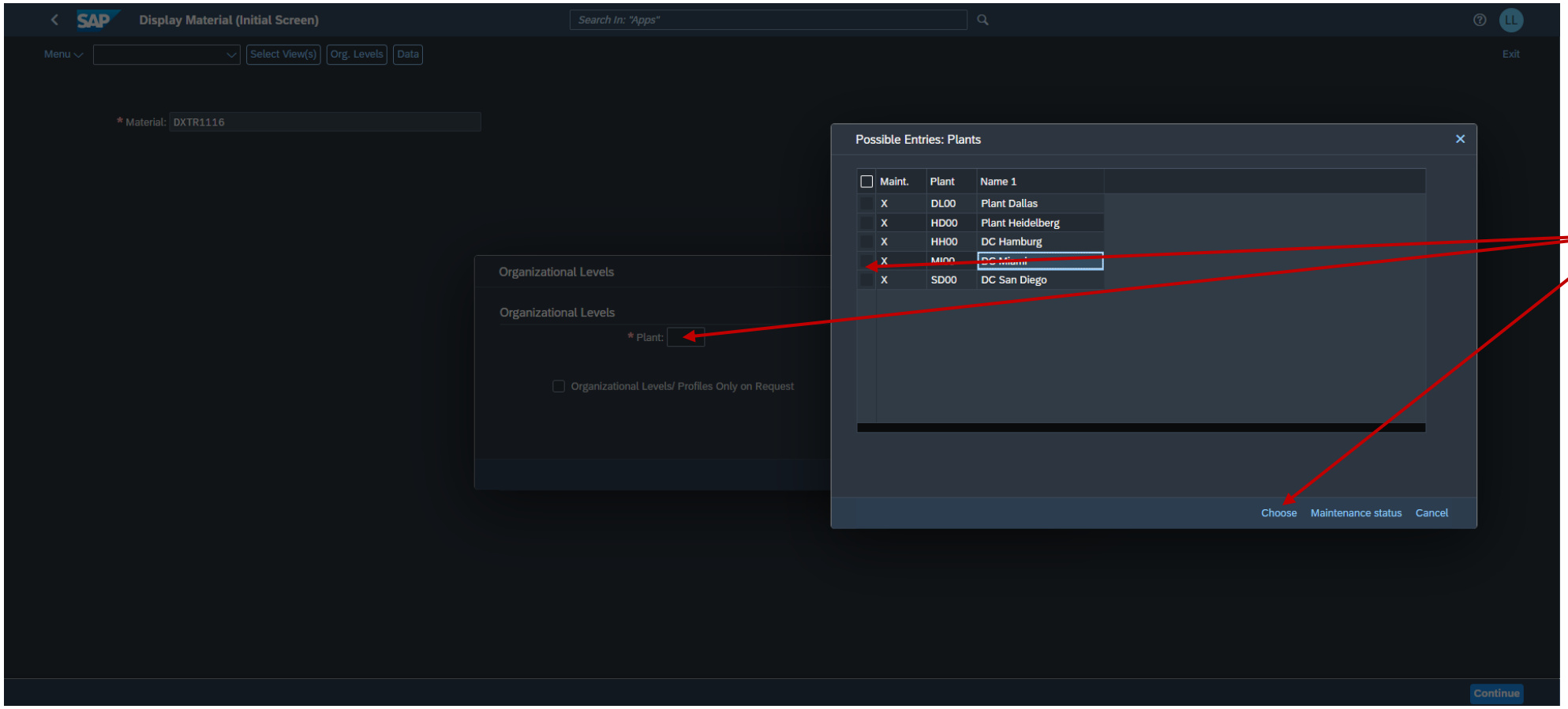
- The next screen requires the selection of the data source.



Use the scroll bar to view more options, and select Plant Stock and click on ✓

Master Data Navigation (Contd)

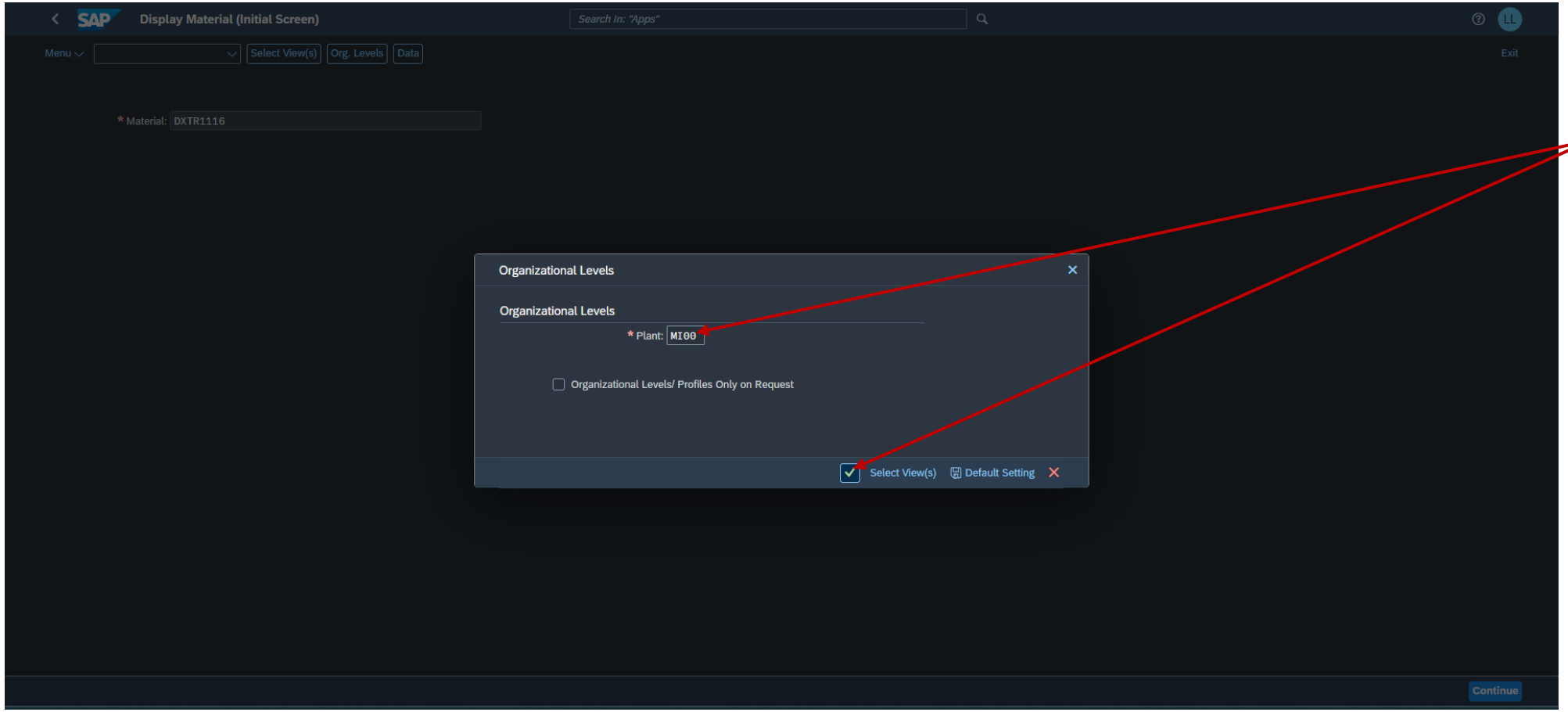
- Next screen requires the selection of the plant location.



Use the Plant selection to view the options and then select DC Miami from the options and click choose.

Master Data Navigation (Contd)

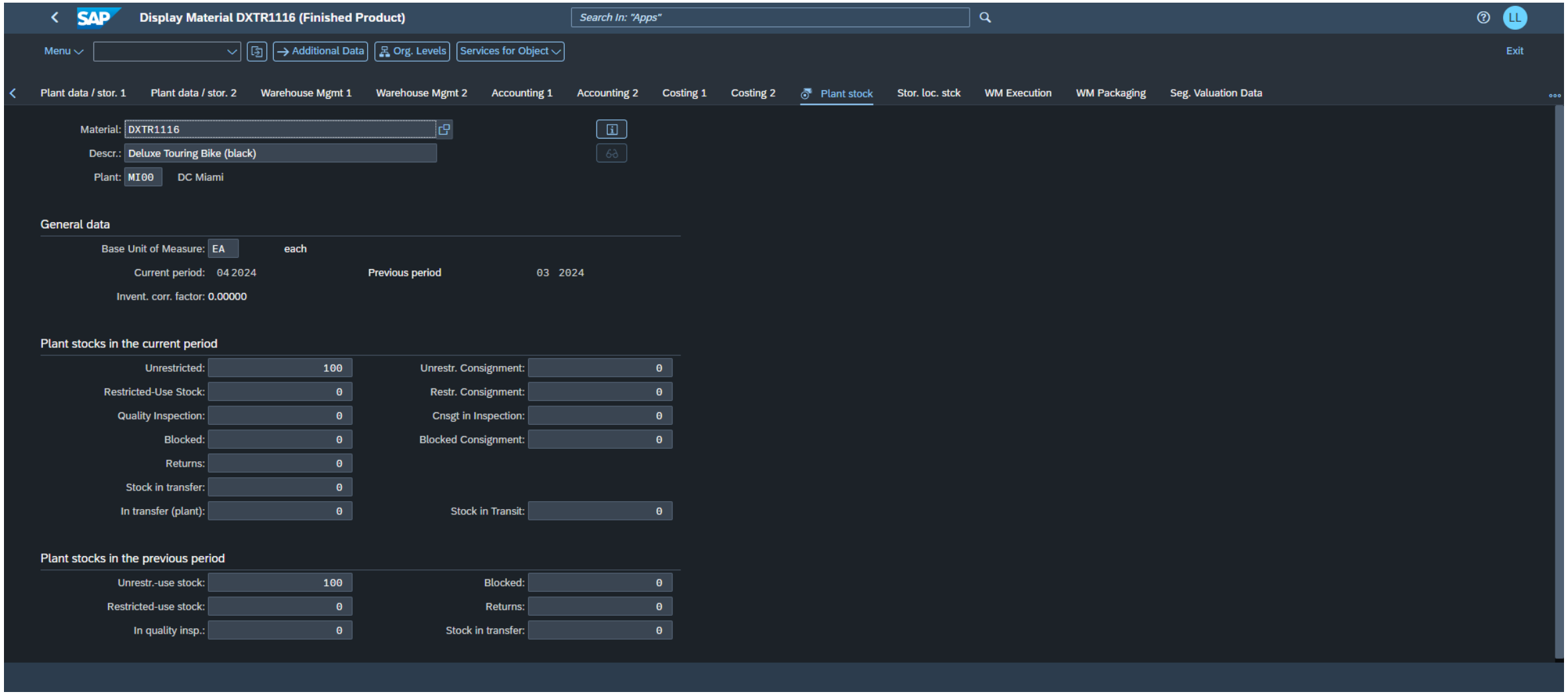
- Location code is displayed, select to view the materials detail.



Location code is displayed. Click ✓ to proceed.

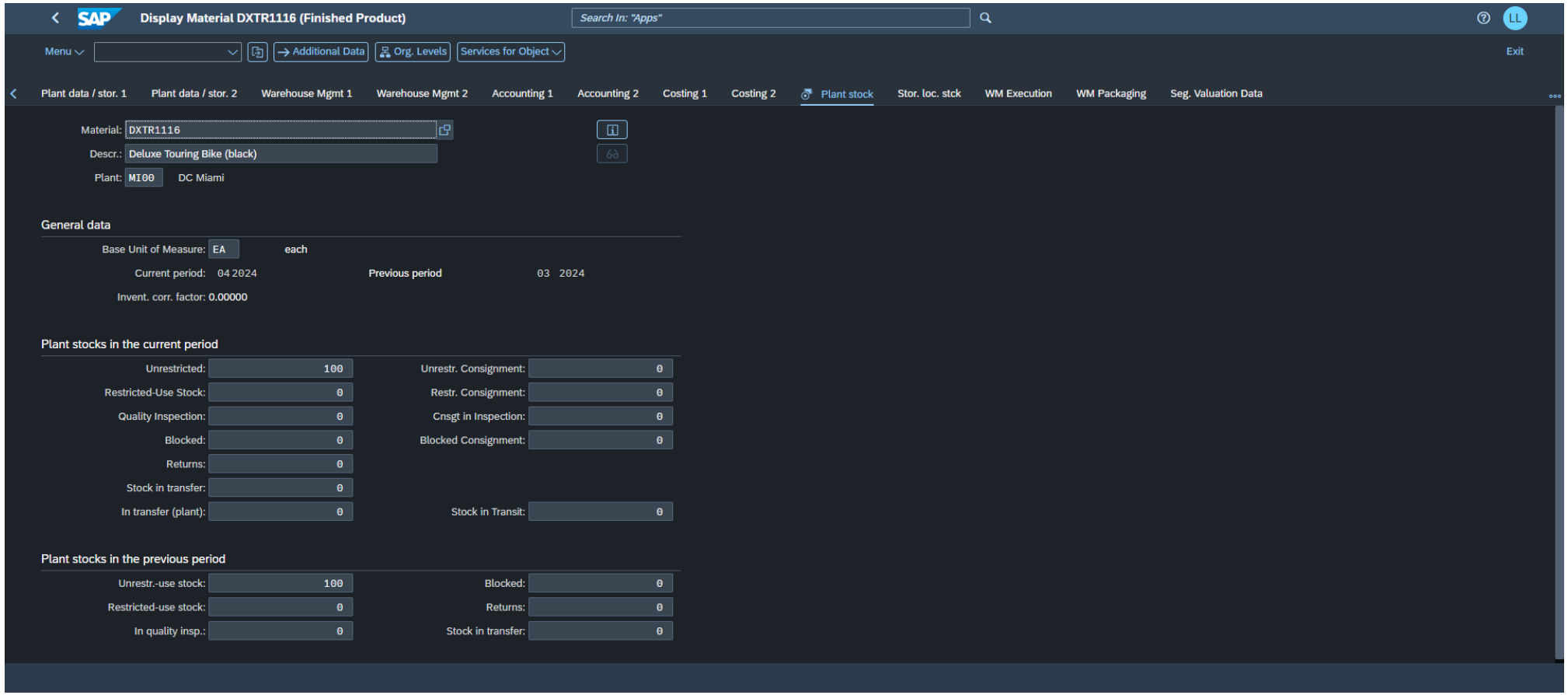
Master Data Navigation (Contd)

- Plant stock information is displayed.



Master Data Navigation (Contd)

- We are interested to find the Price & Weight of the Deluxe Touring Bike

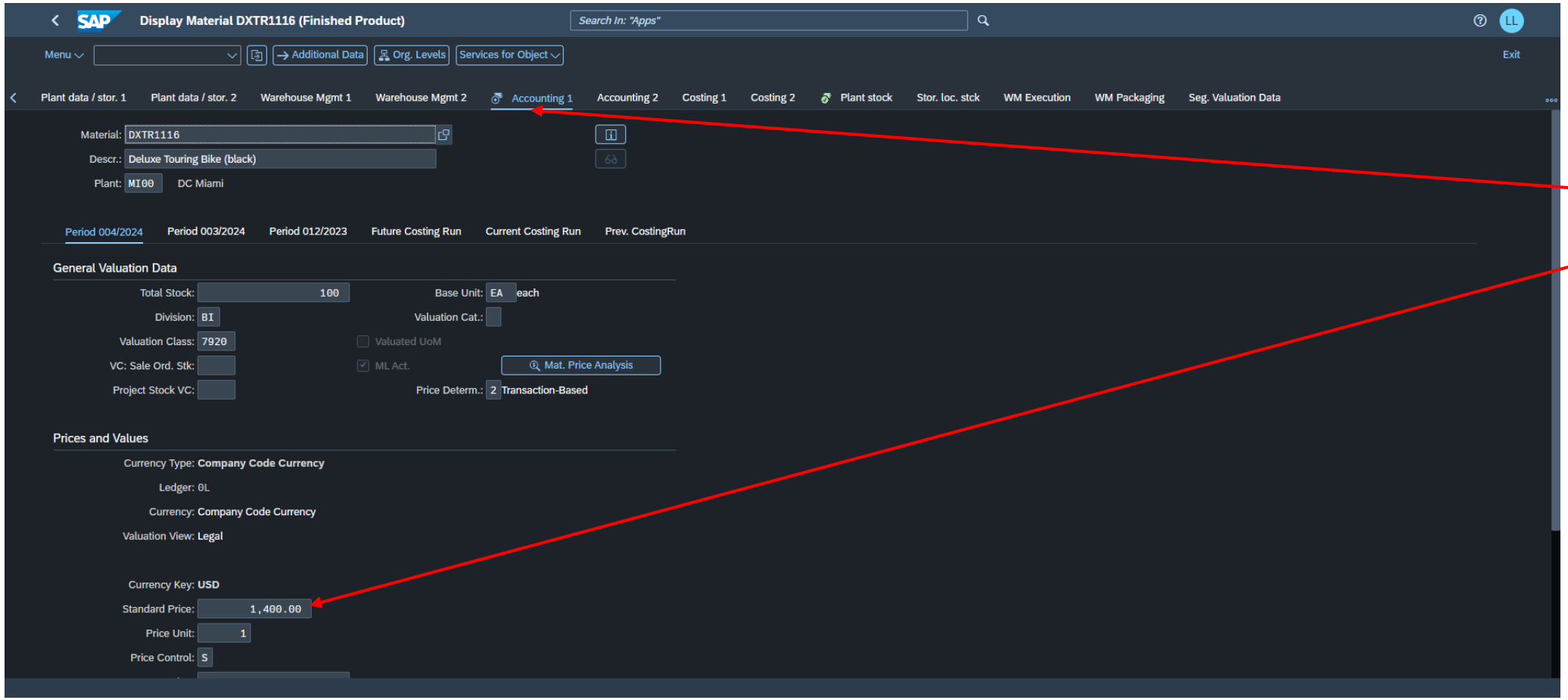


Hints:
The Price is stored in the Accounting 1 space.

The Weight is stored in the Basic Data 1 space.

Master Data Navigation (Contd)

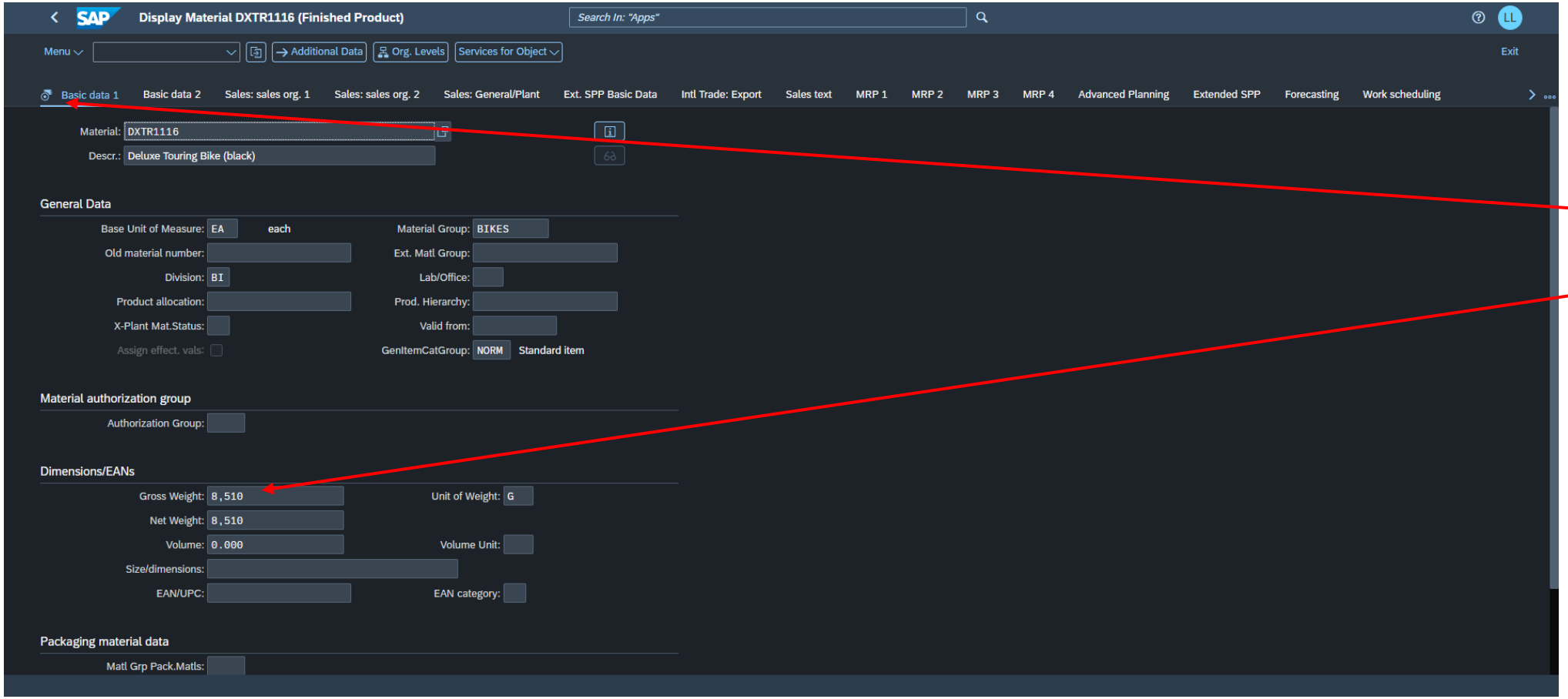
- Accounting 1 Space, for Price data



Accounting 1 space and Price Data

Master Data Navigation (Contd)

- Basic Data 1 Space, for Weight data



Basic Data 1 space and Weight data

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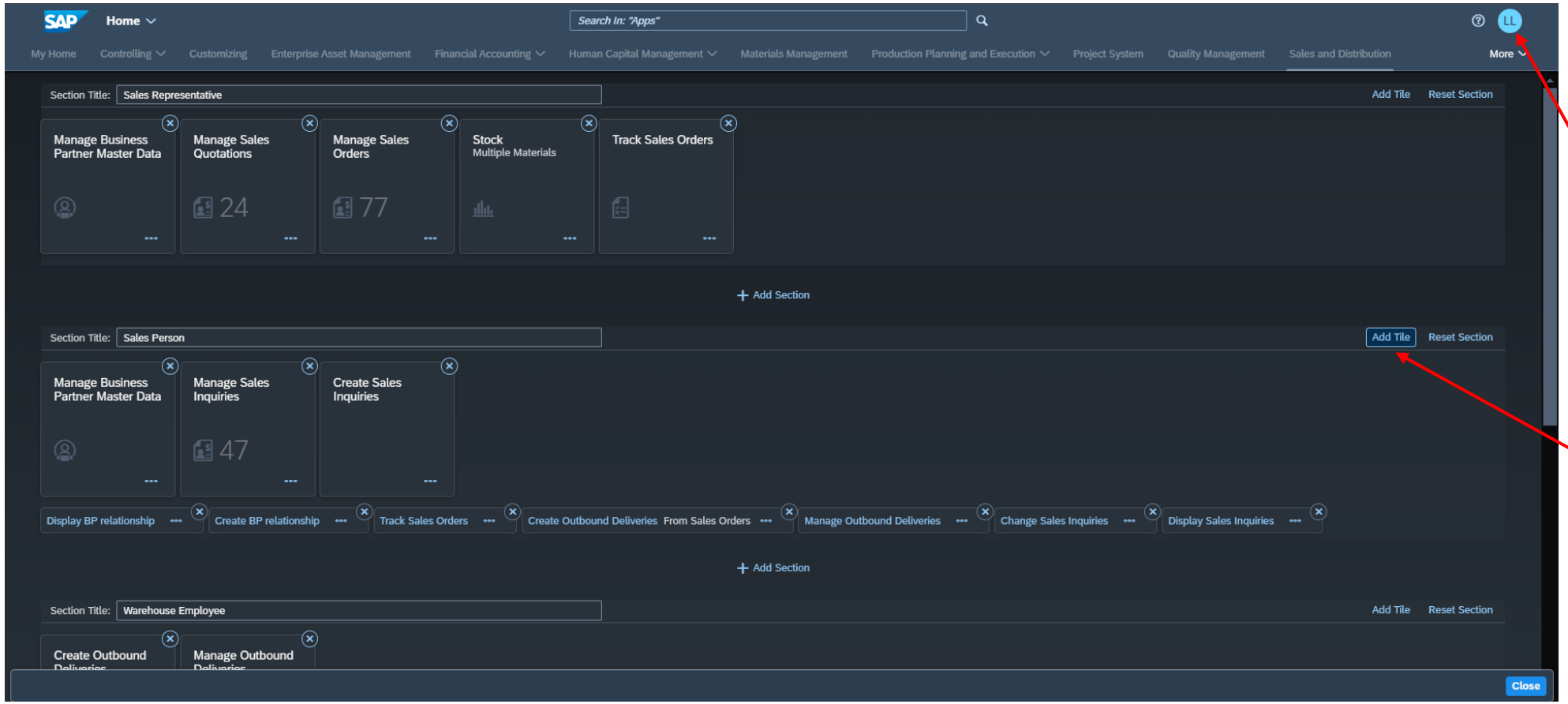
Understanding Reports in SAP S/4HANA

SAP S/4HANA Reports

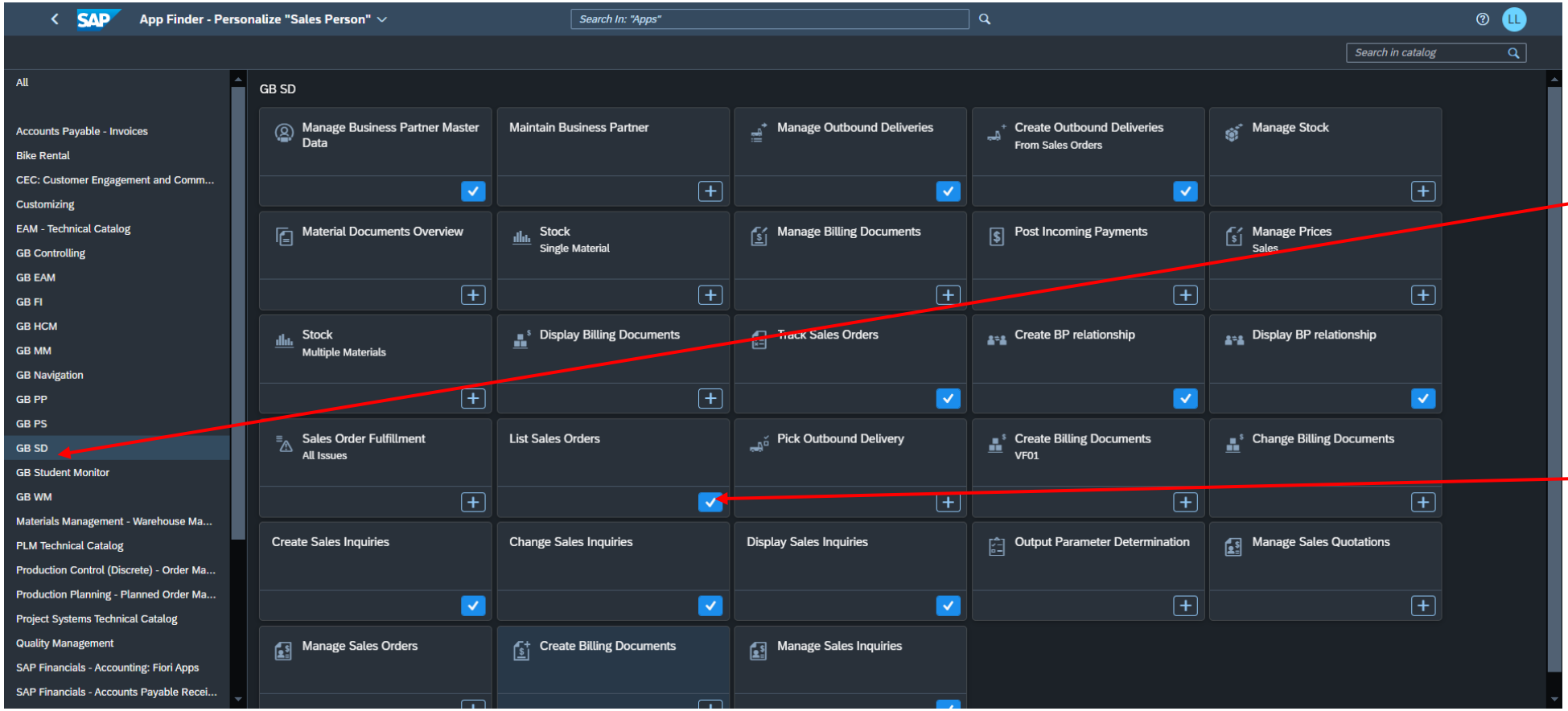
- The List Sales Order app is not included by default. Add it to the Salesperson Role in the Sales & Distribution Space.



To add the List Sales Order app Click LL the profile and select Edit Current Page.
In the Sales Person role, click on add Tile.

SAP S/4HANA Reports

- Add the List Sales Order App to the SAP Sales and Distribution Space.

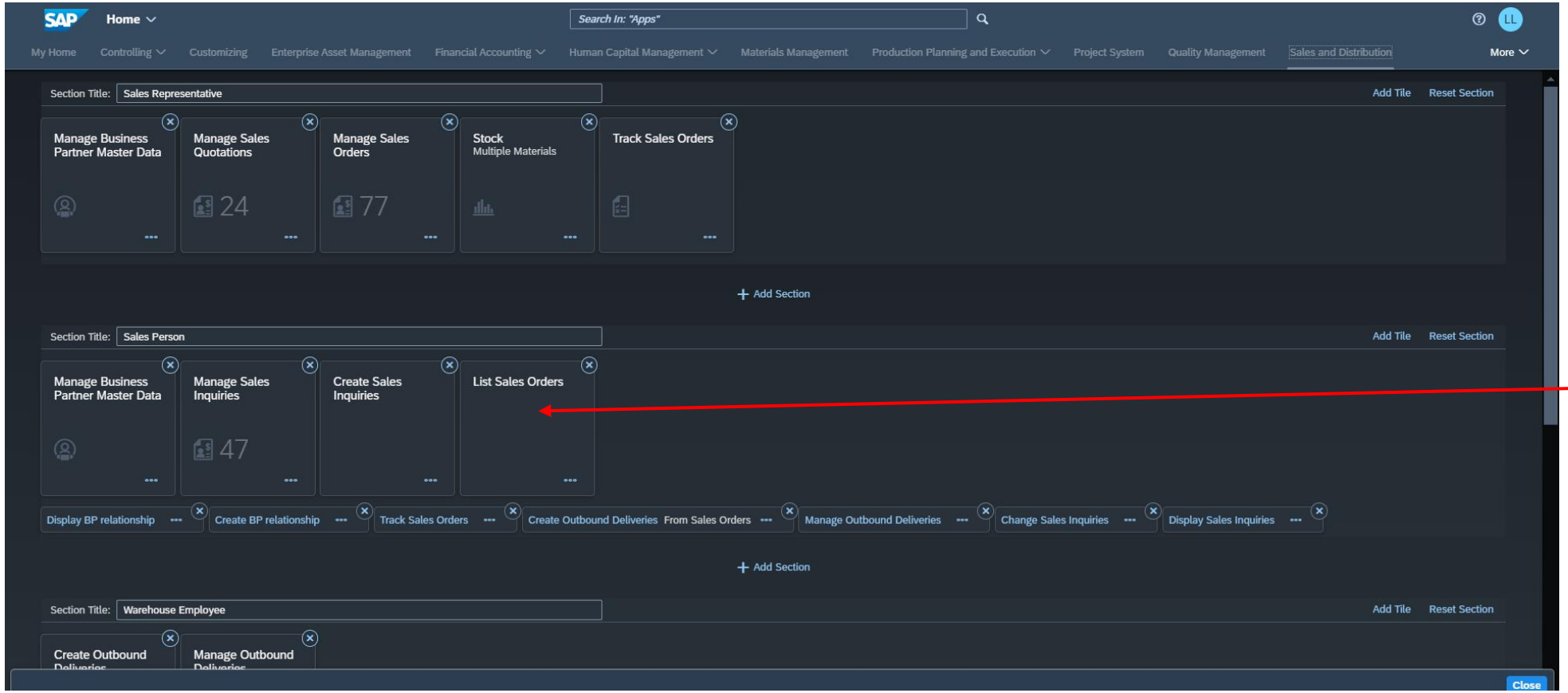


Select the GB SD (Global Bikes Sales & Distribution) from the left pane and click on the + for List Sales Order app.
Notice + changes to ✓.

Return to the Sales and Distribution Space.

SAP S/4HANA Reports

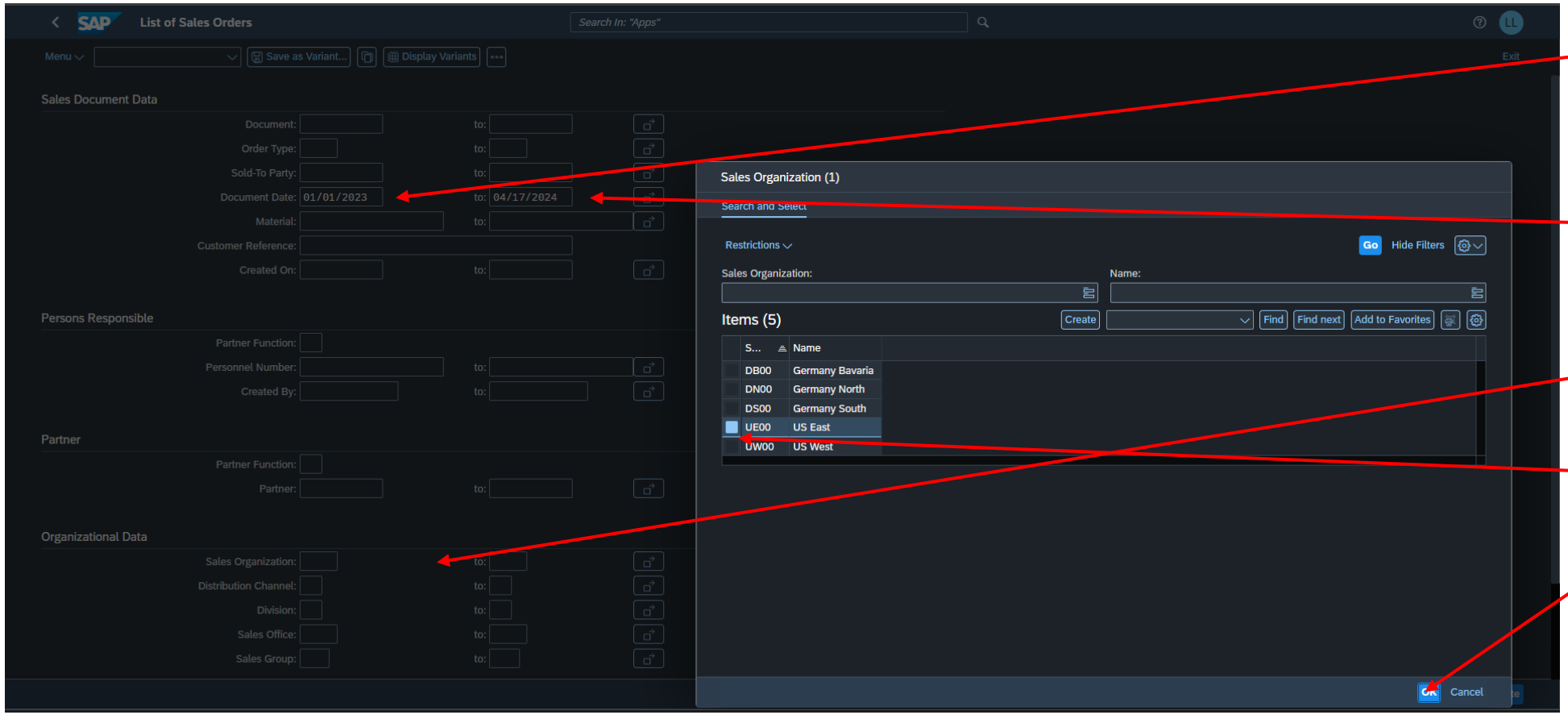
- The List Sales Order app is now included in the Salesperson Role in the Sales & Distribution Space.



The List Sales Order App is added in the Sales Person Role

SAP S/4HANA Reports

- We need to run a report for all sales from “1/1/2023” till today for the Eastern United States (UE00).



Enter “1/1/2023” in the Document Date field.

Enter Current date in Date to field.

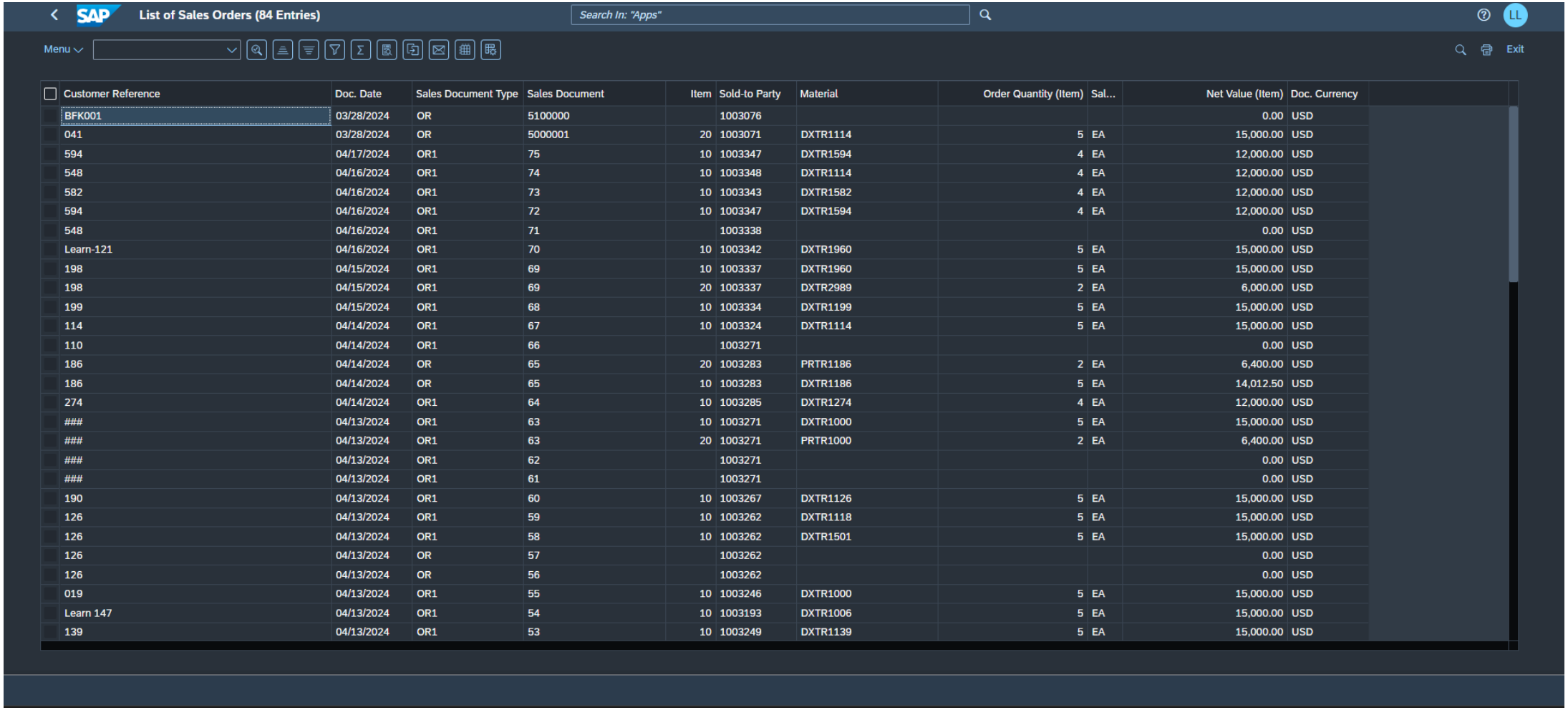
Select UE00 from the Sales Organisation field.

Select Ok.

Press Execute on the next screen.

SAP S/4HANA Reports

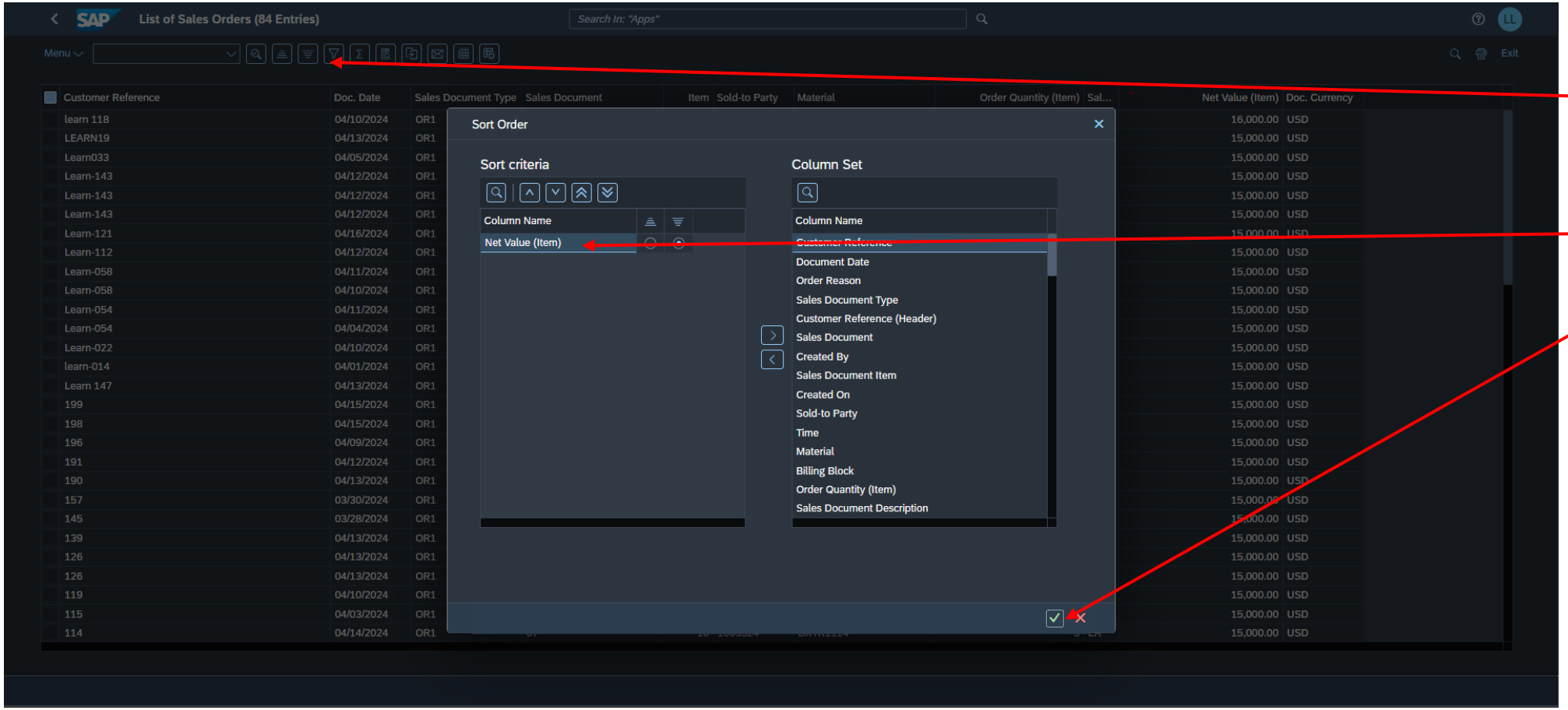
- The Sales Order report is displayed.



Customer Reference	Doc. Date	Sales Document Type	Sales Document	Item	Sold-to Party	Material	Order Quantity (Item)	Sal...	Net Value (Item)	Doc. Currency
BFK001	03/28/2024	OR	5100000		1003076				0.00	USD
041	03/28/2024	OR	5000001	20	1003071	DXTR1114	5	EA	15,000.00	USD
594	04/17/2024	OR1	75	10	1003347	DXTR1594	4	EA	12,000.00	USD
548	04/16/2024	OR1	74	10	1003348	DXTR1114	4	EA	12,000.00	USD
582	04/16/2024	OR1	73	10	1003343	DXTR1582	4	EA	12,000.00	USD
594	04/16/2024	OR1	72	10	1003347	DXTR1594	4	EA	12,000.00	USD
548	04/16/2024	OR1	71		1003338				0.00	USD
Learn-121	04/16/2024	OR1	70	10	1003342	DXTR1960	5	EA	15,000.00	USD
198	04/15/2024	OR1	69	10	1003337	DXTR1960	5	EA	15,000.00	USD
198	04/15/2024	OR1	69	20	1003337	DXTR2989	2	EA	6,000.00	USD
199	04/15/2024	OR1	68	10	1003334	DXTR1199	5	EA	15,000.00	USD
114	04/14/2024	OR1	67	10	1003324	DXTR1114	5	EA	15,000.00	USD
110	04/14/2024	OR1	66		1003271				0.00	USD
186	04/14/2024	OR	65	20	1003283	PRTR1186	2	EA	6,400.00	USD
186	04/14/2024	OR	65	10	1003283	DXTR1186	5	EA	14,012.50	USD
274	04/14/2024	OR1	64	10	1003285	DXTR1274	4	EA	12,000.00	USD
###	04/13/2024	OR1	63	10	1003271	DXTR1000	5	EA	15,000.00	USD
###	04/13/2024	OR1	63	20	1003271	PRTR1000	2	EA	6,400.00	USD
###	04/13/2024	OR1	62		1003271				0.00	USD
###	04/13/2024	OR1	61		1003271				0.00	USD
190	04/13/2024	OR1	60	10	1003267	DXTR1126	5	EA	15,000.00	USD
126	04/13/2024	OR1	59	10	1003262	DXTR1118	5	EA	15,000.00	USD
126	04/13/2024	OR1	58	10	1003262	DXTR1501	5	EA	15,000.00	USD
126	04/13/2024	OR	57		1003262				0.00	USD
126	04/13/2024	OR	56		1003262				0.00	USD
019	04/13/2024	OR1	55	10	1003246	DXTR1000	5	EA	15,000.00	USD
Learn 147	04/13/2024	OR1	54	10	1003193	DXTR1006	5	EA	15,000.00	USD
139	04/13/2024	OR1	53	10	1003249	DXTR1139	5	EA	15,000.00	USD

SAP S/4HANA Reports

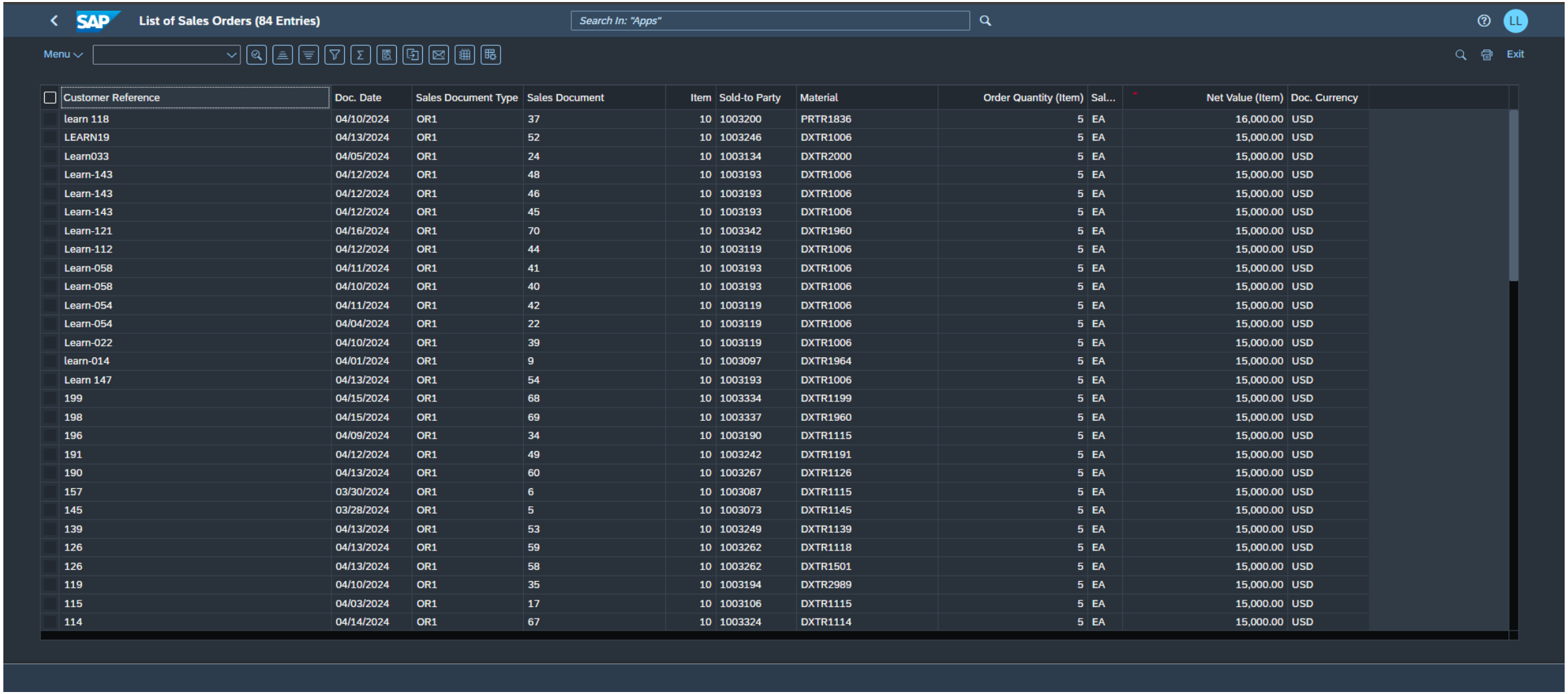
- To make the report meaningful, we can sort on Net Value of the Order.



Click on Sort.
From the sorting criteria, select Net Value.
Select ✓

SAP S/4HANA Reports

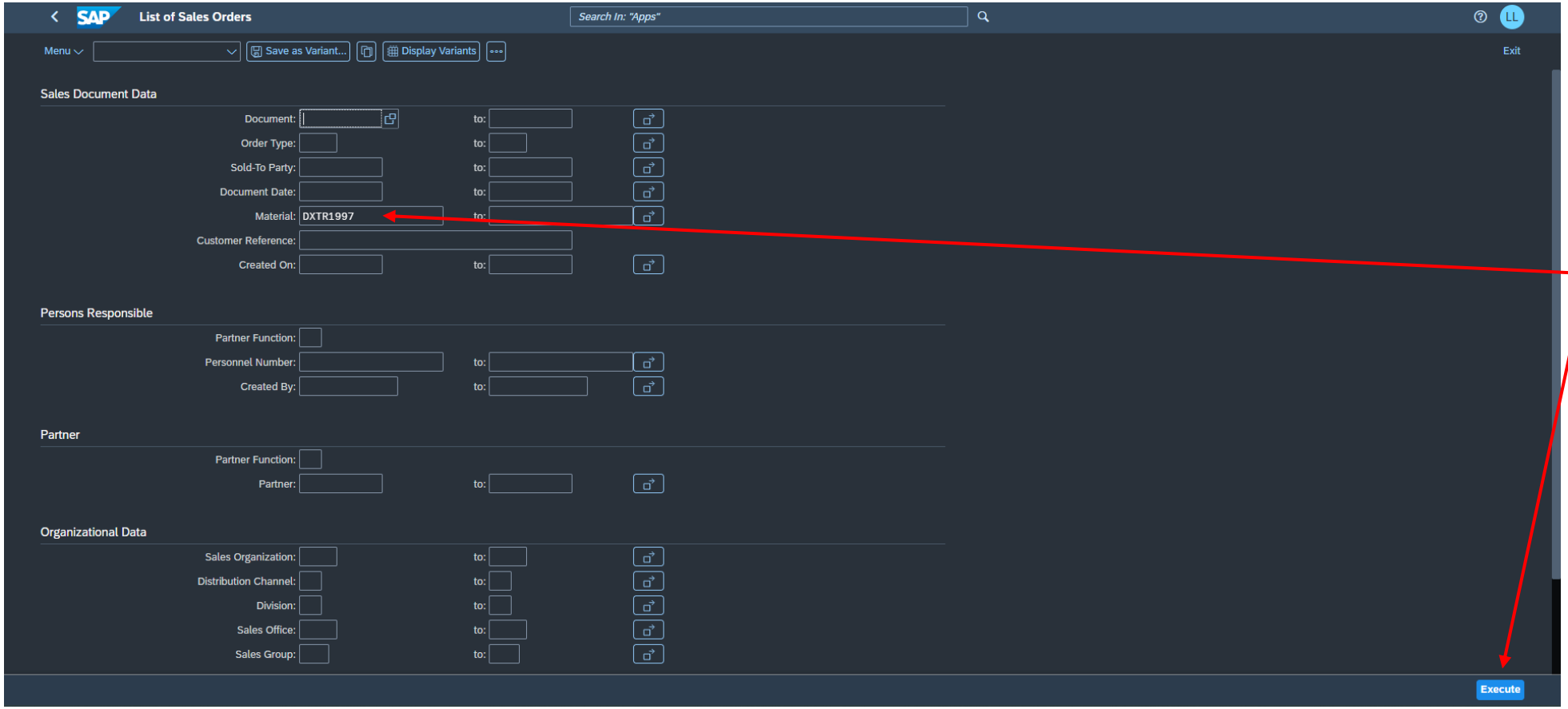
- The Sorted Sales Order report is displayed.



Customer Reference	Doc. Date	Sales Document Type	Sales Document	Item	Sold-to Party	Material	Order Quantity (Item)	Sal...	Net Value (Item)	Doc. Currency
learn 118	04/10/2024	OR1	37	10	1003200	PRTR1836	5	EA	16,000.00	USD
LEARN19	04/13/2024	OR1	52	10	1003246	DXTR1006	5	EA	15,000.00	USD
Learn033	04/05/2024	OR1	24	10	1003134	DXTR2000	5	EA	15,000.00	USD
Learn-143	04/12/2024	OR1	48	10	1003193	DXTR1006	5	EA	15,000.00	USD
Learn-143	04/12/2024	OR1	46	10	1003193	DXTR1006	5	EA	15,000.00	USD
Learn-143	04/12/2024	OR1	45	10	1003193	DXTR1006	5	EA	15,000.00	USD
Learn-121	04/16/2024	OR1	70	10	1003342	DXTR1960	5	EA	15,000.00	USD
Learn-112	04/12/2024	OR1	44	10	1003119	DXTR1006	5	EA	15,000.00	USD
Learn-058	04/11/2024	OR1	41	10	1003193	DXTR1006	5	EA	15,000.00	USD
Learn-058	04/10/2024	OR1	40	10	1003193	DXTR1006	5	EA	15,000.00	USD
Learn-054	04/11/2024	OR1	42	10	1003119	DXTR1006	5	EA	15,000.00	USD
Learn-054	04/04/2024	OR1	22	10	1003119	DXTR1006	5	EA	15,000.00	USD
Learn-022	04/10/2024	OR1	39	10	1003119	DXTR1006	5	EA	15,000.00	USD
learn-014	04/01/2024	OR1	9	10	1003097	DXTR1964	5	EA	15,000.00	USD
Learn 147	04/13/2024	OR1	54	10	1003193	DXTR1006	5	EA	15,000.00	USD
199	04/15/2024	OR1	68	10	1003334	DXTR1199	5	EA	15,000.00	USD
198	04/15/2024	OR1	69	10	1003337	DXTR1960	5	EA	15,000.00	USD
196	04/09/2024	OR1	34	10	1003190	DXTR1115	5	EA	15,000.00	USD
191	04/12/2024	OR1	49	10	1003242	DXTR1191	5	EA	15,000.00	USD
190	04/13/2024	OR1	60	10	1003267	DXTR1126	5	EA	15,000.00	USD
157	03/30/2024	OR1	6	10	1003087	DXTR1115	5	EA	15,000.00	USD
145	03/28/2024	OR1	5	10	1003073	DXTR1145	5	EA	15,000.00	USD
139	04/13/2024	OR1	53	10	1003249	DXTR1139	5	EA	15,000.00	USD
126	04/13/2024	OR1	59	10	1003262	DXTR1118	5	EA	15,000.00	USD
126	04/13/2024	OR1	58	10	1003262	DXTR1501	5	EA	15,000.00	USD
119	04/10/2024	OR1	35	10	1003194	DXTR2989	5	EA	15,000.00	USD
115	04/03/2024	OR1	17	10	1003106	DXTR1115	5	EA	15,000.00	USD
114	04/14/2024	OR1	67	10	1003324	DXTR1114	5	EA	15,000.00	USD

SAP S/4HANA Reports

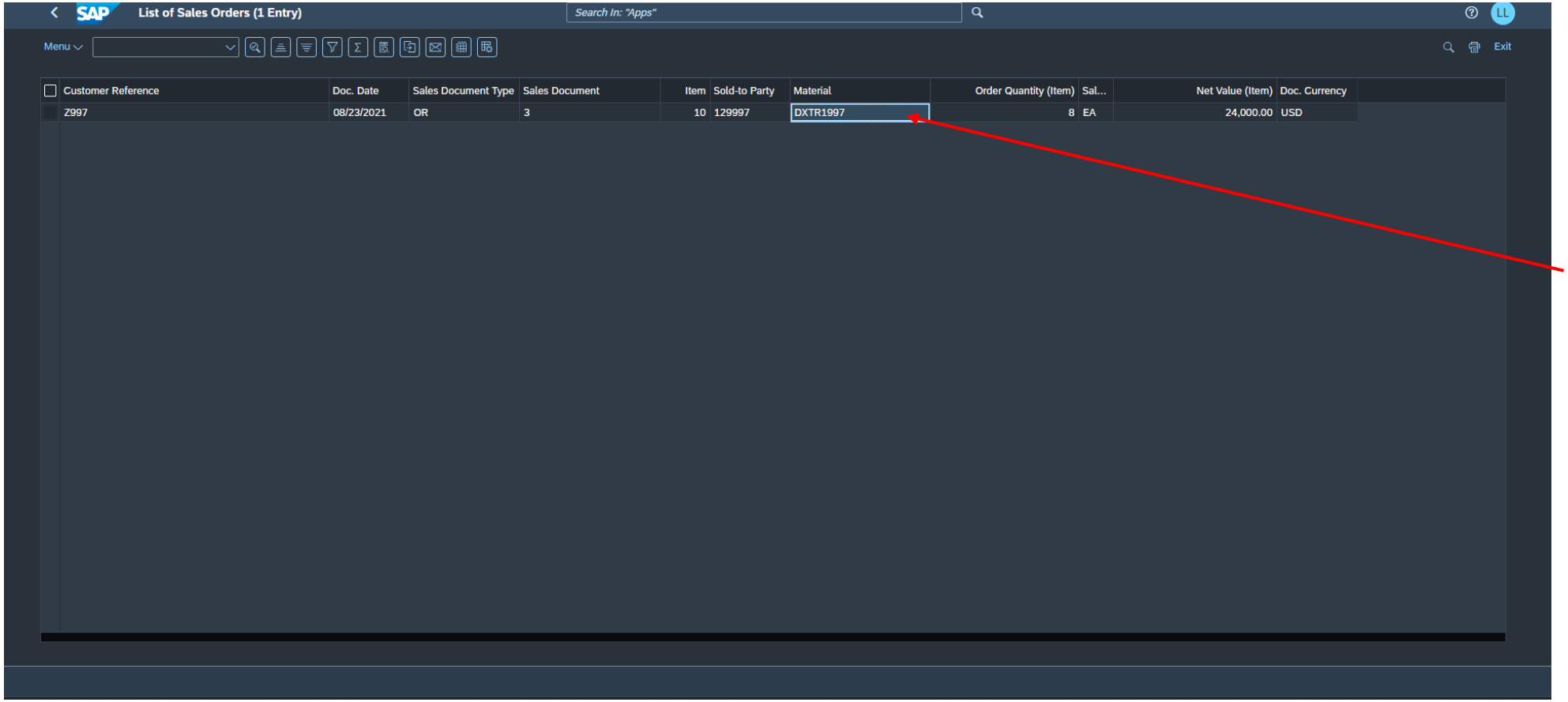
- Drilling Down – Data Analysis
- Determine the weight of materials in a particular order.



Click on the List Sales Order to initiate a new report. Type DCTR1997 in the Material field. Press Execute.

SAP S/4HANA Reports

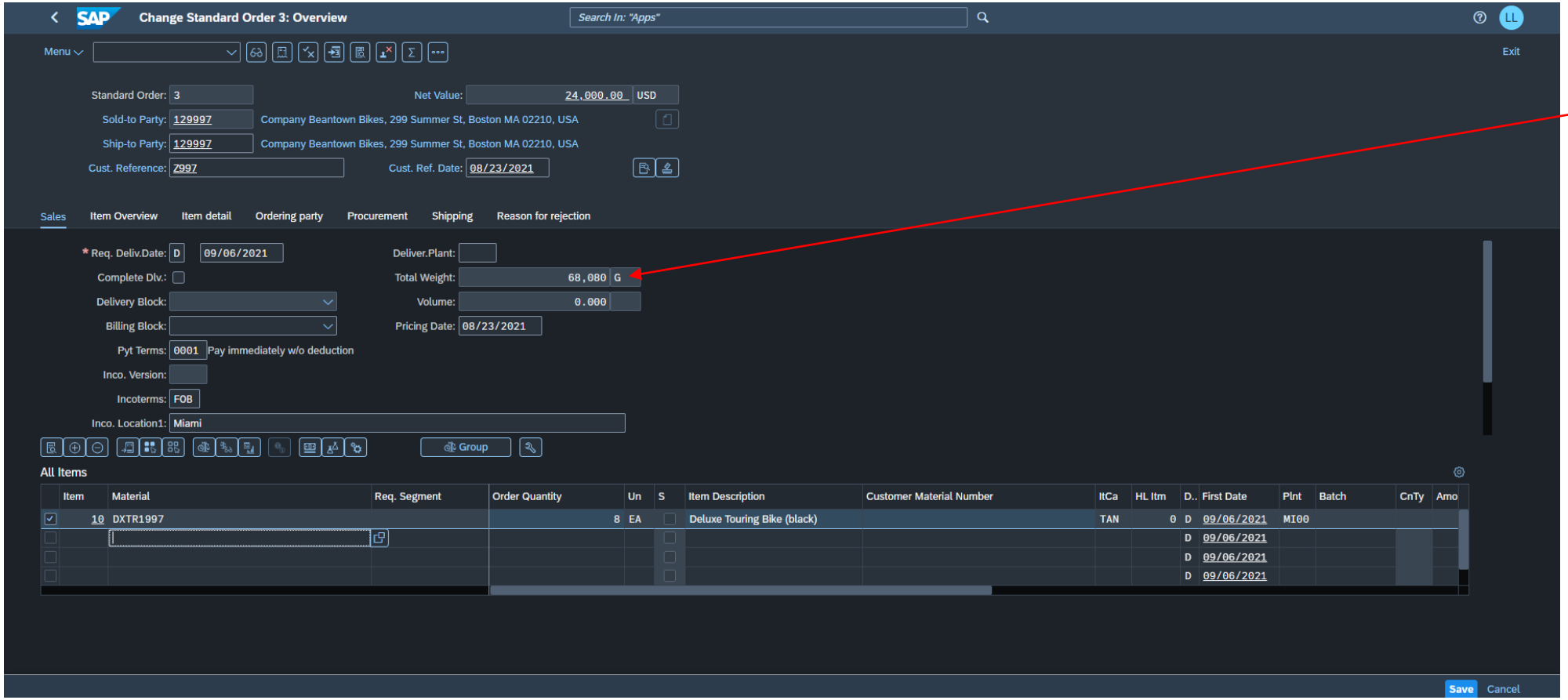
- The Sales Order report is displayed.



To Drill Down for more details, double click on DXTR1997 in the materials field.

SAP S/4HANA Reports

- The Sales Order details report is displayed.



The Net Weight of the Order Items is Displayed.

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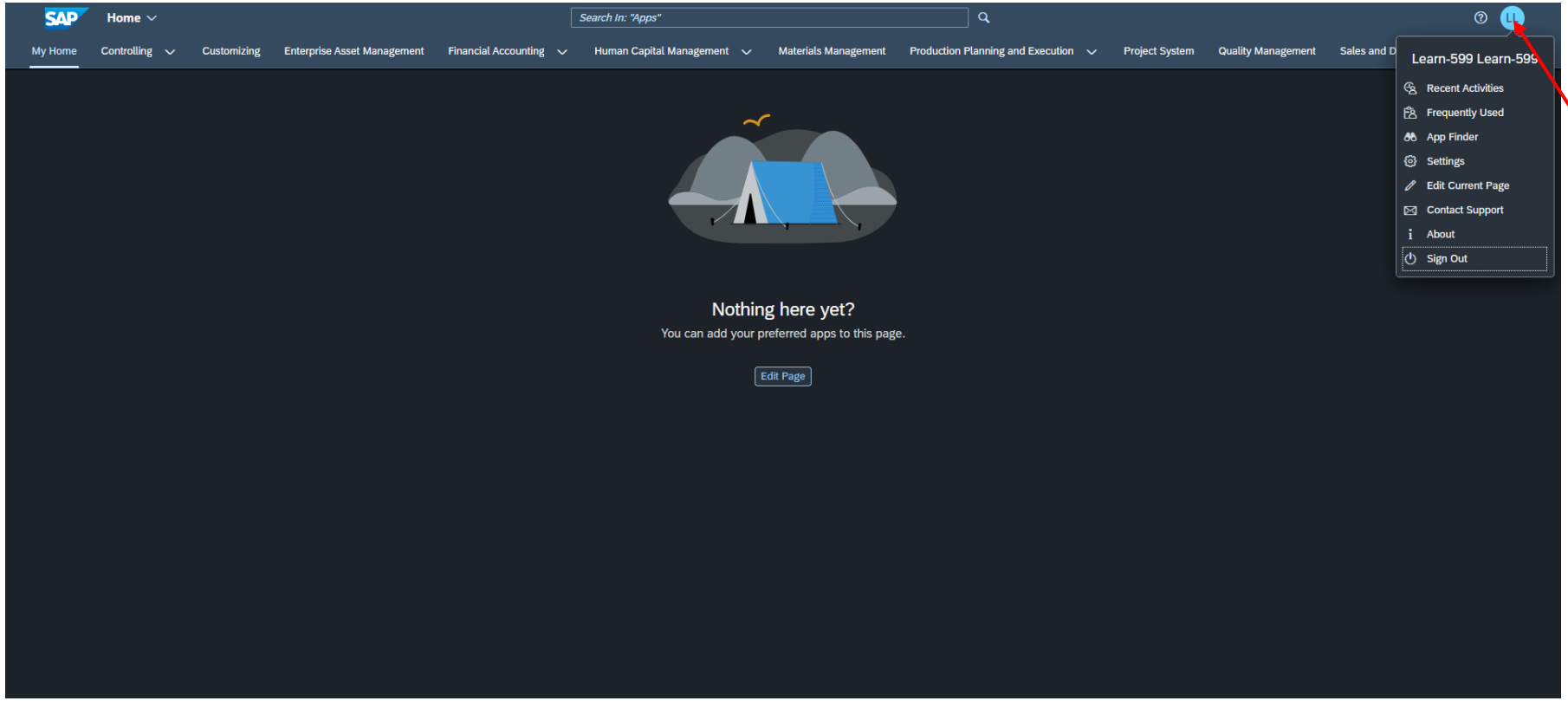
Logging Off

Logging Off

- Always Log off to protect the data and to avoid unauthorised use.



To Log Off, Click on LL Profile and select Sign Out, and press OK.

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End of Workshop 1
Week 2 & 3