19

# Direct Database Analysis

# Objectives

After completing this lesson, you should be able to:

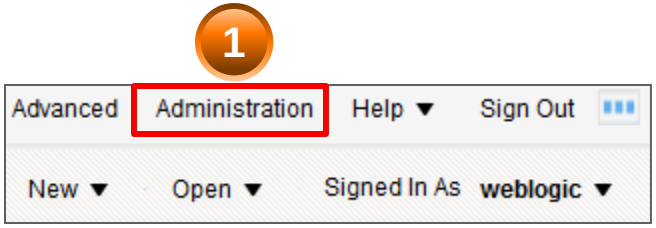
- Create direct database analyses
- Edit XML and SQL on the Advanced tab

# Direct Database Analysis Privileges

- Users with appropriate privileges can create and issue direct database analyses to physical back-end data sources.
  - Display and manipulate results in Oracle Business Intelligence.
  - Incorporate results into dashboards.
- Required privileges include:
  - Edit Direct Database Analysis
  - Execute Direct Database Analysis

# Changing Direct Database Analysis Privileges

Changes are made in the Oracle BI Administration window.





| | | |
|---|---|---|
| Answers | Create Views | BI Content Author |
| | Create Prompts | BI Content Author |
| | Access Advanced Tab | BI Content Author |
| | Edit Column Formulas | BI Content Author |
| | Save Content with HTML Markup | BI Service Administrator |
| | Enter XML and Logical SQL | BI Content Author |
| | Edit Direct Database Analysis | BI Service Administrator |
| | Create Analysis From Simple SQL | BI Service Administrator |
| | Create Advanced Filters and Set Operations | BI Content Author |
| | Save Filters | BI Content Author |
| | Save Column | BI Content Author |
| | Add EVALUATE_PREDICATE Function | BI Content Author |
| | Execute Direct Database Analysis | BI Service Administrator |
| | Upload Images | BI Content Author |

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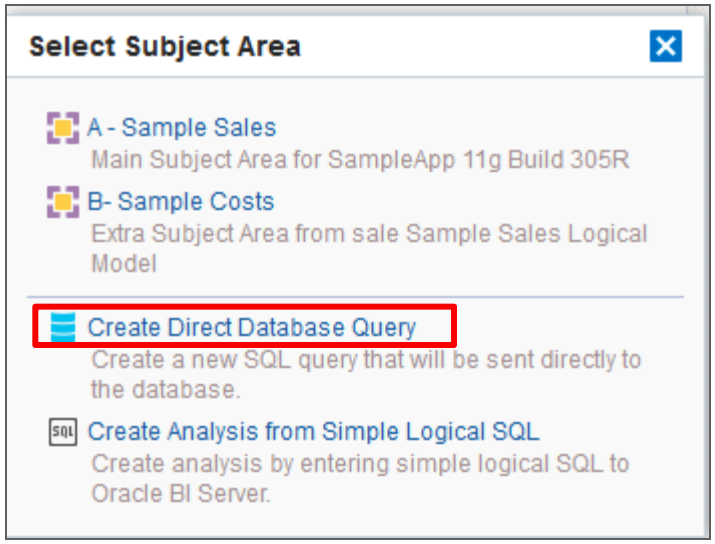
# Creating and Executing a Direct Database Analysis

1. Create a direct analysis.
2. Construct a direct database analysis.

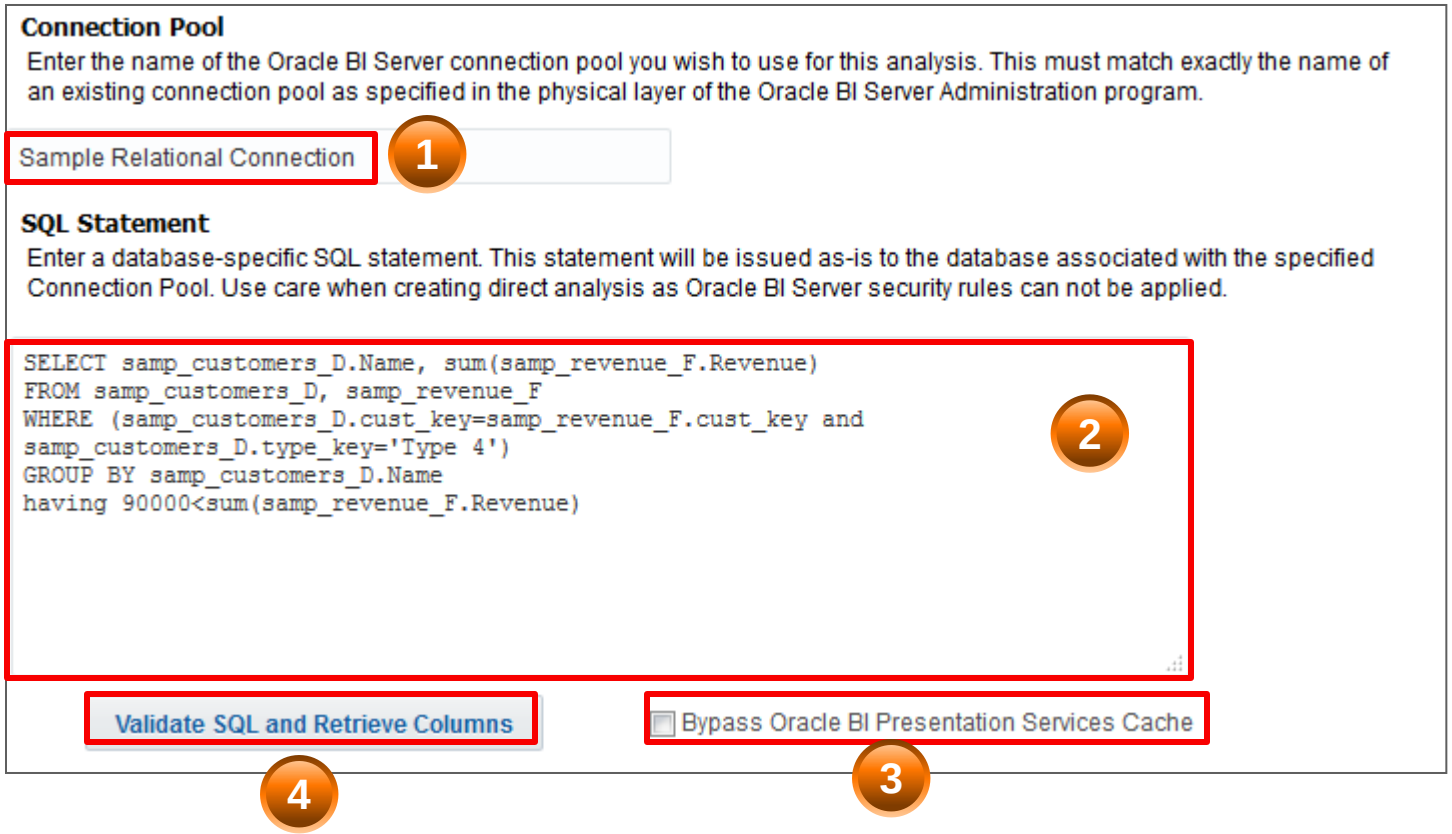
# 1. Create a Direct Analysis

Click Create Direct Database Request in the Select Subject Area window.



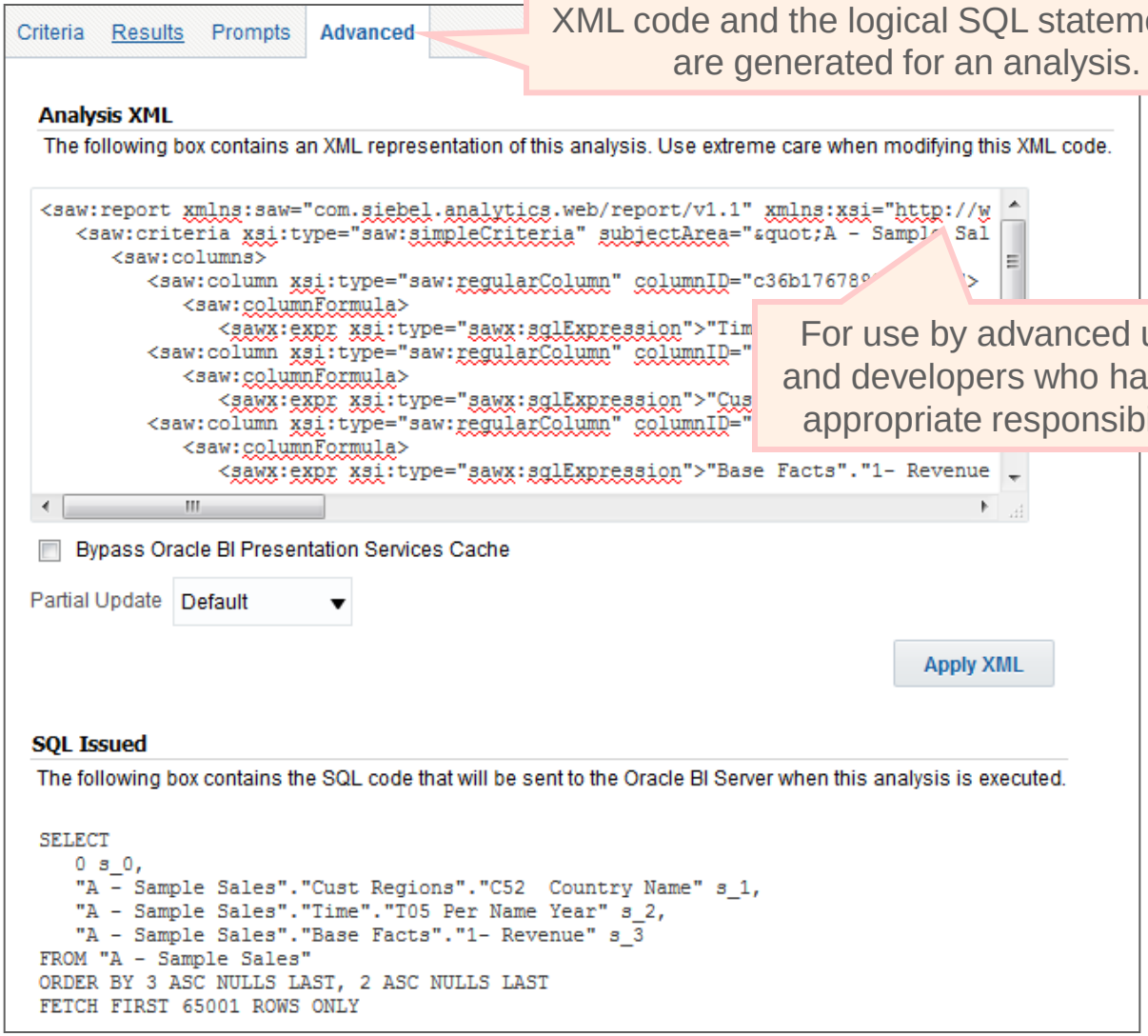
# 2. Construct a Direct Database Analysis

Follow the on-screen instructions to create the analysis.



# Editing XML and SQL

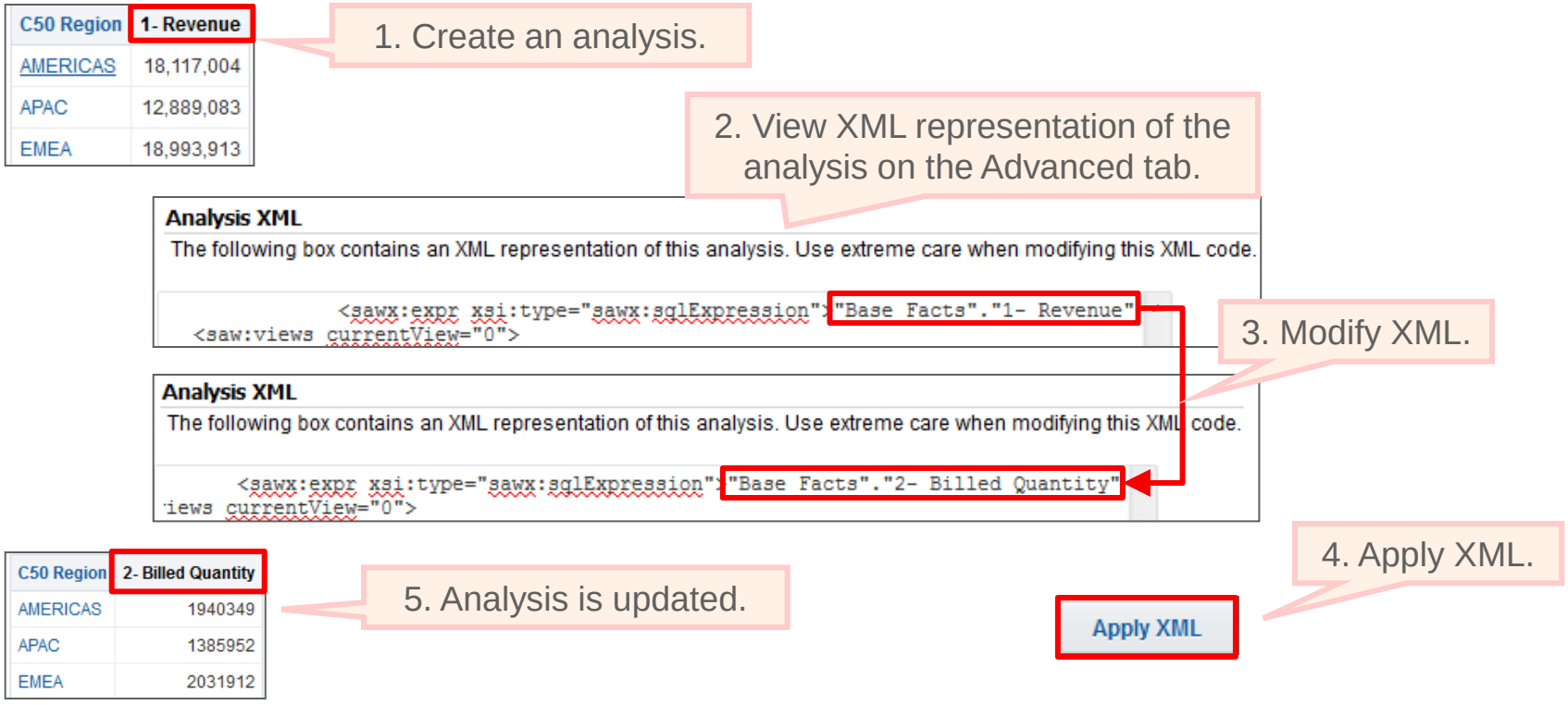
Use the Advanced tab to examine or edit the XML code and the logical SQL statement that are generated for an analysis.




For use by advanced users and developers who have the appropriate responsibilities

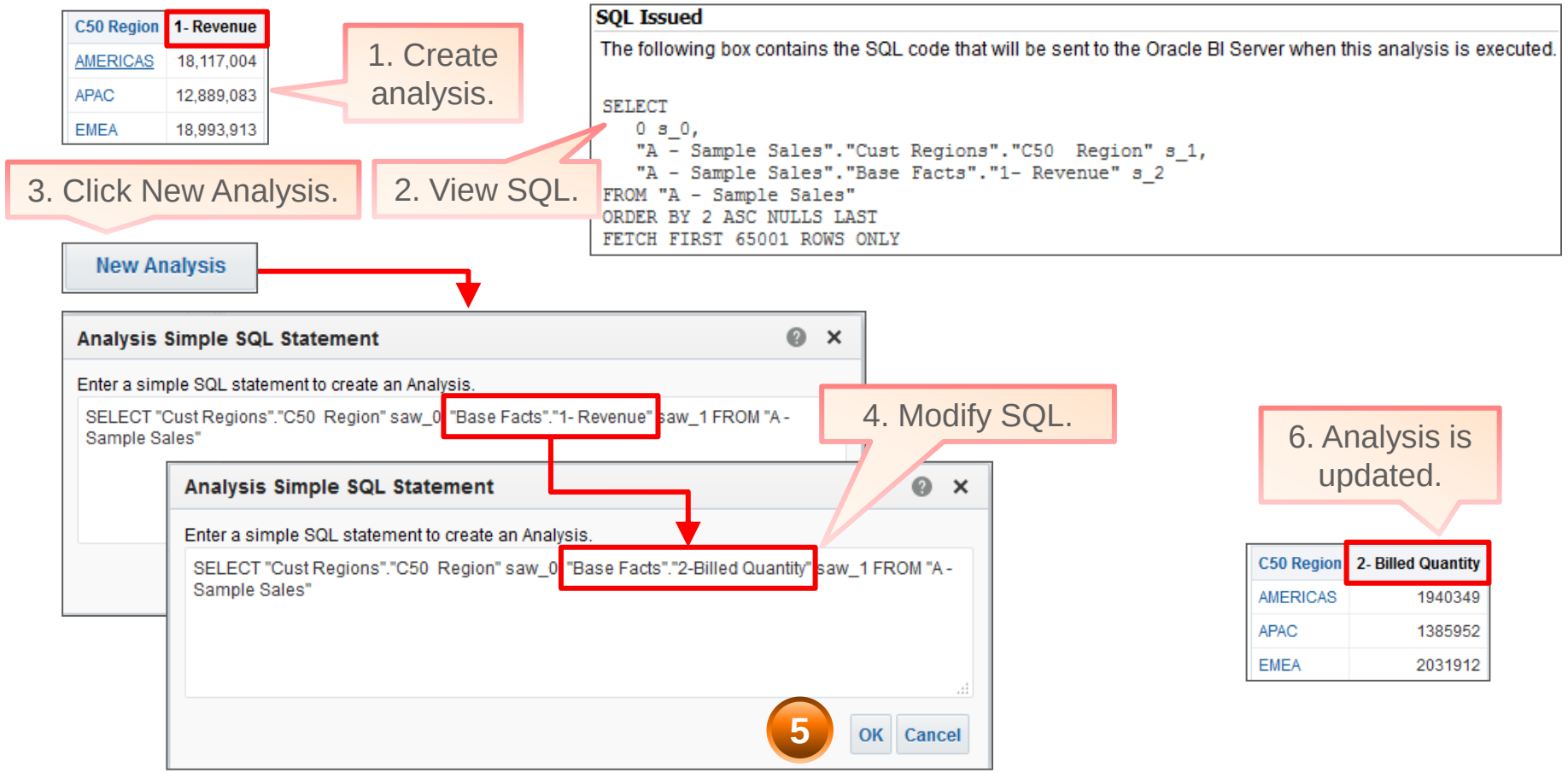
# Using the Advanced Tab to Modify XML

Use the fields in the Analysis XML area to view and modify the XML code for an analysis.



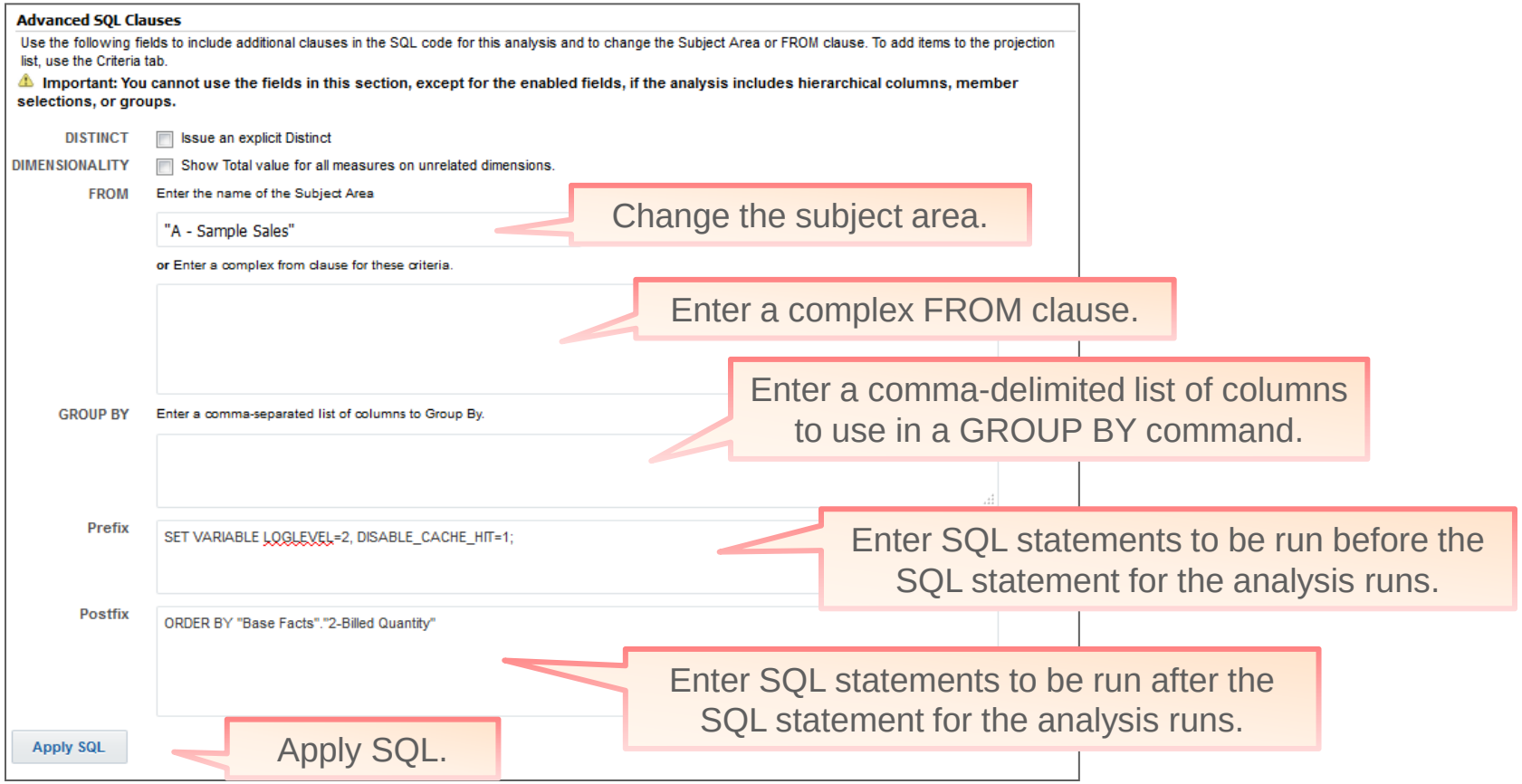
# Using the Advanced Tab to Modify SQL

Use the SQL Issued area to view and modify the SQL code for an analysis.



# Using the Advanced Tab to Include Advanced SQL Clauses

Use the Advanced SQL Clauses area to include additional clauses in the SQL code for an analysis.



# Quiz: Overview

This quiz examines your knowledge of direct database analyses and modifying XML and SQL.

# Quiz

By default, the Execute Direct Database Analysis privilege is set for only those users that are defined as Oracle BI Presentation Server Administrators.

a. True
b. False

# Quiz

The Results tab in the Analysis Editor is used to examine the XML code and the logical SQL statement that are generated for an analysis.

a. True
b. False

# Quiz

The Create direct database request link is available in the Select Subject Area window.

a. True

b. False

# Quiz

Every Oracle BI EE user can create and issue direct database requests to physical back-end data sources.

a. True
b. False

# Summary

In this lesson, you should have learned how to:

- Create direct database analyses
- Edit XML and SQL on the Advanced tab

# Practice 19: Overview

This practice covers the following topics:

- Executing a Direct Database Analysis
- Modifying XML code and SQL statements