

If you are using a VMimage it is recommended that you take a snapshot of it before you start these activities.

Activity A06_Multi_Currency_Revenue

Objectives:

This activity is designed to increase your knowledge and experience with TM1 Cognos Insight for modeling.

In this activity you are supplied with an existing model in the form of a cdd file. You then add

Work in Cognos Insight to achieve the following:

- Using attributes in a target dimension of a link (look up link) as part of a cube calculation to convert from local currencies to reporting currency.
- Apply conditional logic in a cube calculation using an attribute.

How to use the resources for this activity:

This activity is designed to be used either for

- Initial learning on IBM Cognos Insight
- To practice skills already learnt.

In both cases read the information in this document describing the business scenario, the suggested solution and files that should be used.

Then, if you are **new to IBM Cognos Insight**, you can use both the **accompanying video** and **detailed activity step by step instructions** to guide you through the activity. The video and accompanying commentary shows and explains the steps that were taken to create the suggested solution. The activity outline document gives detailed step by step instructions with screen shots.

If you are **familiar with IBM Cognos Insight** and want to practice skills you already have you can use these student instructions to gain an understanding of the business scenario and what the suggested solution might be. Then you can carry out the activity and compare your solution with the screen shot below. If you require additional assistance at any point you can review the relevant parts of the video or outline document.

In addition, all activities, apart from the first one (A01_Simple_Revenue_Analysis), have a starting cdd file which can be opened with IBM Cognos Insight. In some cases these are identical to the completed cdd of the previous activity. In other cases there will be additional modelling included to allow you to focus on the main objectives of the activity. Always read the student instructions to gain an understanding of the activity and what has been supplied as a starting point.

Additional resources available for IBM internal staff and BA partners:

At each product release, enablement resources are published on W3 Connections and PartnerWorld. These include a number of product focused videos. These are useful learning resources which support these activities. To assist you to locate appropriate videos for each activity we are undertaking a review and cross reference of these videos. To allow this to remain current, maintain an accurate list of videos and correctly identify which ones support each activity we will create a reference document and included it as part of the program introduction. Please be aware that this document will change at each product release and as extra resources are created between releases.

Business Scenario:

The customer has opened branches in several other countries and now the CFO has to deal with multiple currencies. He has asked that you show him an example of how he could manage currency conversion. He wants to convert the measures that are financial (revenue etc.) but not measures like Volume and Discount%.

You are asked to use an existing model to demonstrate how this can be done.

Here is a screen shot of the suggested solution for guidance.

A06_MultiCurrencyRevenue.cdd - IBM Cognos Insight

File

Edit

Format

Tools

Window

Help

Style

Insert

Get Data

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A06_MultiCurrencyRevenue.cdd

A06 - Multi Currency Revenue

Versions

Currencies

Exchange Rate

GBP

Euro

DKR

Bud...

1

1.5

8

Currencies

Months

Local

listprice

Budget

Total of Products

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
GBP	67	67	67	67	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
Euro	100.5	100.5	100.5	100.5	110.55	110.55	110.55	110.55	110.55	110.55	110.55	110.55
DKR	536	536	536	536	589.6	589.6	589.6	589.6	589.6	589.6	589.6	589.6

Products

Artful Artifacts

Whacky Widgets

Thoughtful Things

Potty Possessions

Ominous Objects

Months

	Europe		Berlin		Paris		Copenhagen		Great Britain	
	local	Converted	local	Converted	local	Converted	local	Converted	local	Converted
Volume	9,000,000	9,000,000	600,000	600,000	600,000	600,000	600,000	600,000	7,200,000	7,200,000
Gross Revenue	197,248,000	128,640,000	12,864,000	8,576,000	12,864,000	8,576,000	68,608,000	8,576,000	102,912,000	102,912,000
Discount %	5	5	5	5	5	5	5	5	5	5
Discount	9,862,400	6,432,000	643,200	428,800	643,200	428,800	3,430,400	428,800	5,145,600	5,145,600
Net Revenue	187,385,600	122,208,000	12,220,800	8,147,200	12,220,800	8,147,200	65,177,600	8,147,200	97,766,400	97,766,400

An existing model is supplied in the format of a cdd file which can be opened in Cognos Insight. It is called A06-MultiCurrencyRevenueBefore.cdd. It is suggested that you do a Save As on the file before starting the activity.