

SAP ANALYTICS (HANA) - PROFITABILITY ANALYSIS

Submitted in partial fulfillment of the requirements for the award of Bachelor of Computer Science

By

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SCHOOL OF COMPUTING**

**SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119, TAMILNADU**

APRIL 2021



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
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JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI- 600119

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **SANGEETHA S** (Reg. No.38290076) and **SHAMITHA SHREE . D**(Reg. No. 38290080) who carried out the project entitled "**SAP ANALYTICS (HANA) -PROFITABILITY ANALYSIS**" under our supervision from November 2019 to April 2020.

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Head of the Department

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Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I, SANGEETHA S(**Reg. No. 38290076**) hereby declare that the Project Report entitled " **SAP ANALYTICS (HANA) -PROFITABILITY ANALYSIS**" done by me under the guidance of **MS.RAMYA.G.FRAKLIN** , is submitted in partial fulfillment of the requirements for the award of Bachelor of Computer Science .

DATE:

PLACE: CHENNAI

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

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I would like to express my sincere and deep sense of gratitude to my Project Guide **MS.RAMYA.G.FRAKLIN**, for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of Computer Science and Engineering who were helpful in many ways For the Completion of the project.

ABSTRACT

Expectation to make decisions in real time, moments of risk and opportunity

Customers expect business experience to be as satisfying as personal experience

People expect instant, correct answers to any question

Technology that allows the processing of massive quantities of real time data in the main memory of the server to provide immediate results from analyses and transactions

Business users of all levels are empowered to conduct immediate ad hoc data analyses and transaction processing using massive amounts of real time data for expanded business insight.

It frees up IT resources and lowers the cost of operations.

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LIST OF ABBREVIATIONS

ERP	-	Enterprise Resource Planning
ECC	-	ERP Central Component
FI	-	Finance
EAI	-	Enterprise Application Integration
LSMW	-	Legacy System Migration Workbench
UE	-	User-Exit
OAP	-	Online-Analytical-Processing
OTP	-	Online-Transaction-Processing

CHAPTER 1

INTRODUCTION

SAP HANA is a combination of HANA Database, Data Modeling, HANA Administration and Data Provisioning in one single suite. In SAP HANA, HANA stands for High-Performance Analytic Appliance.

SAP HANA is latest, in-memory database, and platform which can be deployed on-premises or cloud. SAP HANA is a combination of hardware and software, which integrates different components like SAP HANA Database, SAP SLT (System Landscape Transformation) Replication server, SAP HANA Direct Extractor connection and Sybase replication technology

Traditional business applications often use materialized aggregates to increase performance

SAP HANA makes it possible to calculate aggregates on large amounts of data on-the-fly with high performance

SAP HANA eliminates the need for materialized aggregates in many cases, simplifying data models

CHAPTER 2

CUSTOMER RELATIONSHIP MANAGEMENT

Few years ago, marketers started to know their customers personally, understood what they needed and did their best to fulfill and satisfy that needed through personalized services, which helped them to earn the loyalty and getting a large share of the customer's business.

But, gradually this costly and inefficient system gave way to mass marketing; customers traded relationships for greater variety and lower prices. But today falling IT costs enable companies to offer both.

The concentration on building beneficial relations with customers is not a new approach in the field of business. The increasing competition and decreasing customer loyalty have shaped the need for implementing new tools to help companies to succeed the competition and win customer's loyalty by providing more customized products and services.

Rapid growth in information systems applications, that enable business-customer interaction and the boom of internet technology, have provided business organizations with more capabilities to cope with increasing knowledge acquired by customers and the changing nature of their demands for products and services.

For this purpose they start to think of a tool which can help them to interact with their own customer to make them loyal and offer a better services and products to them.

2.1 Introduction to CRM (Customer Relationship Management):

The term “Customer Relationship Management” emerged in the Information Technology (IT) vendor community and practitioner community in the mid-1990s.

It is often used to describe technology-based customer solutions, such as Sales Force Automation (SFA). In the academic community, the terms “relationship marketing” and CRM are often used interchangeably

However, CRM is more commonly used in the context of technology solutions and has been described as “Information-enabled Relationship Marketing”⁹.

Customer Relationship Management has been addressed by many academic researchers and practitioners in the field of Marketing and Information Systems. Although CRM is a relatively new concept, it is receiving increasing attention for its promising future. There is no consensus among researchers to identify CRM. The reason for the difficulty in agreeing upon unified definition for CRM is that CRM means different things to different people depending on their academic backgrounds and on their understanding for CRM.

CHAPTER 3

AIM AND SCOPE OF PRESENT INVESTIGATION

AIM OF THE PROJECT

This document is aimed at users/project managers who would like to gain a detailed Analysis of Complete Data into the changeover scenarios implemented in the SAP System.

SCOPE AND OBJECTIVE

- I'm going to do project under SAP there is a tool called HANA.
- SAP HANA is a modern solution for real-time analytics and applications. It enables companies to analyze business operations based on large volume and variety of detailed data in real-time, as it happens. In addition to real-time analytics
- SAP is also delivering new class of real-time applications, powered by SAP HANA platform, which can be deployed as an appliance. SAP in-memory computing is the core technology underlying SAP HANA platform.

SYSTEM REQUIREMENTS

SOFTWARE

- SAP NetWeaver BW 7.00 SP29 or higher, Unicode or Non-Unicode, ABAP only SAP Solution Manager 7.0 EHP1 SP23 or SAP Solution Manager 7.1 SP01 minimum
- Software Logistics Toolset 1.0 SP11 minimum
- SAP NetWeaver Landscape Virtualization Management, Enterprise Edition (ABAP Post-Copy Automation)
- SAP HANA Platform Edition 1.0 SP08 minimum

HARDWARE

- Your operating system platform must be 64-bit.

Operation system

- For a comprehensive list of supported operating system releases, see the Product Availability Matrix (PAM) at: <http://service.sap.com/pam>

DATABASE

- Oracle 11.2 (10.2 with DMO)
- IBM DB2 LUW 10.1 (9.1 with DMO)
- MaxDB 7.9
- MS SQL server 2008
- DB2 for i61, 7.1 (not yet supported for DMO, see SAP Note 1875197)
- DB2 for z/OS V9, V10
- SAP Sybase ASE 15.7

OVERVIEW OF THE PLATFORM

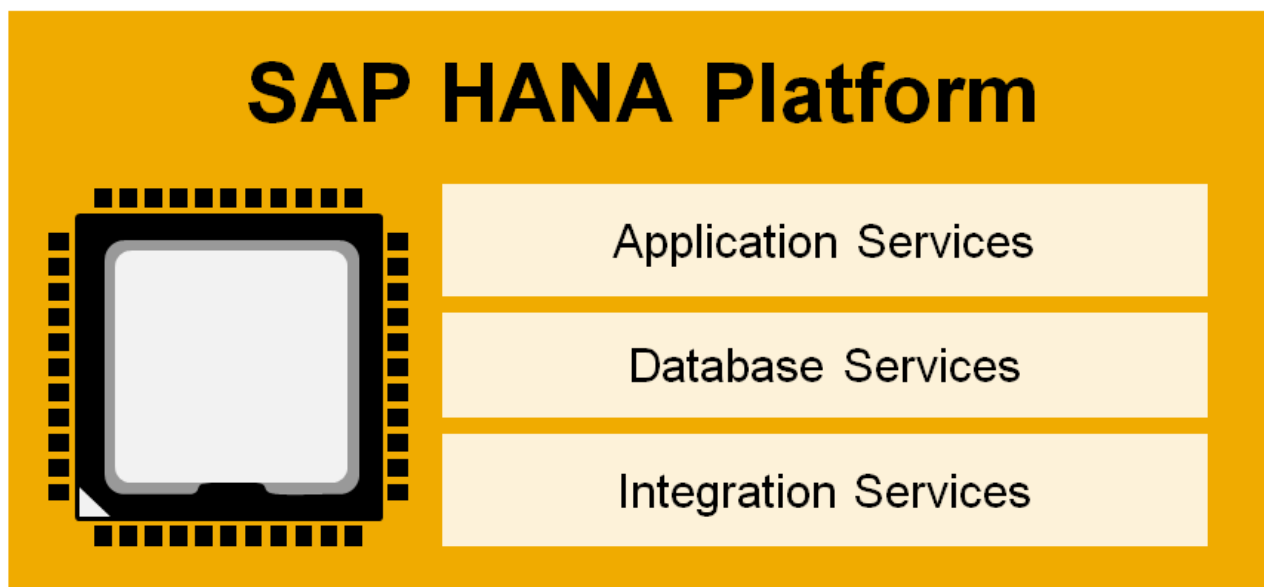
ADVANTAGES

- Deliver superior Reporting performance
- Have real time data access
- Simulate more and plan faster
- Provide simplified maintenance
- Ensure superior loading performance
- Ensure flexibility with modeling
- Migrate without reimplementation and without disruption of existing scenarios
- Work with simplified process due to streamlining of steps
- Ensure secured planning due to fixed price and timeline for migration
- Work with an end-to-end solution based on individual customer needs
- SAP provides “future-proof Cloud ERP solutions that will power the next generation of business.”With its advanced capabilities.

- SAP can boost your organization's efficiency and productivity by automating repetitive tasks, making better use of your time, making better use of your time, money and resources

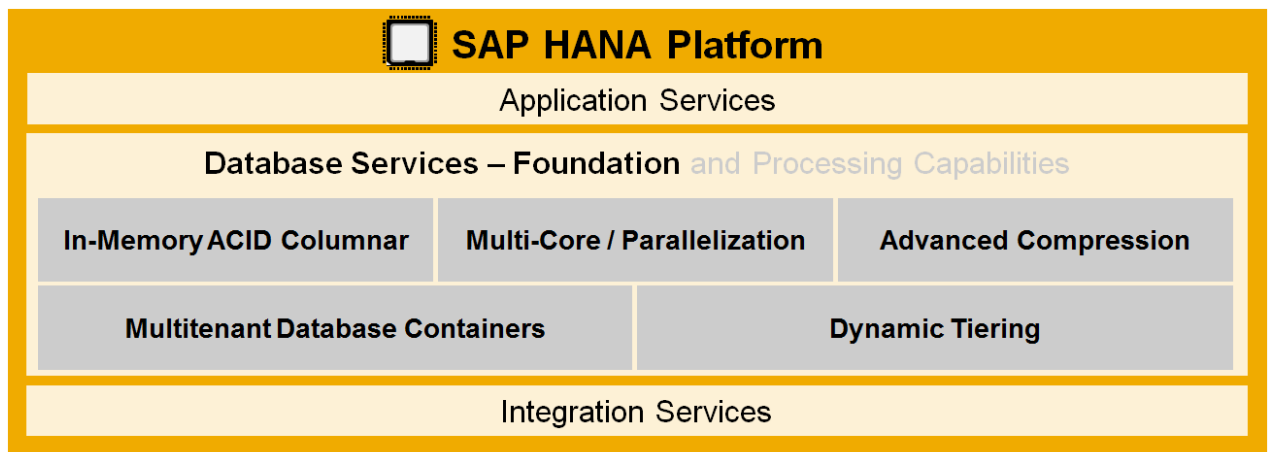
SAP HANA PLATFORM

- SAP HANA Platform capabilities continue to expand making it the ideal platform to innovate next-generation applications. Next-generation applications not only require transactional capabilities but also require advanced analytical capabilities and the ability to process structured, unstructured and streaming data.
- To explain what SAP HANA Platform includes now, we divided its capabilities into 3 groups.



Database Services – Foundation:

- The breakthrough innovations in SAP HANA Platform are grouped into database services foundation features



At its core, SAP HANA Platform is an ACID compliant, in-memory columnar store that can process transactions and analytics on a single copy of data. Columnar store eliminates the need for indexes and materialized views, enabling ad hoc query processing that deliver insights on fresh data. SAP HANA Platform is designed to leverage multi-core processing capabilities of today's processors. SAP HANA Platform's advanced compression techniques can significantly compress data so that more data can be kept and processed in the memory and processor caches, delivering unparalleled speed.

RISKS AND DRAWBACKS:

- Inter-modules functions least understood by business, but high on list of reasons to buy.
- The use of SAP requires relatively large funds. In addition, the maintenance and upgrade costs are quite large.
- This system requires qualified human resources to enter data precisely and with timeliness. This makes the company have to spend more to pay for the salaries of qualified human resources.
- SAP rolls out new versions every 6 months.
- Creates internal conflict in organizations.
- Lengthy Implementation Time.
- Demands Highly Trained Staff.

SOFTWARE USED

SAP HANA

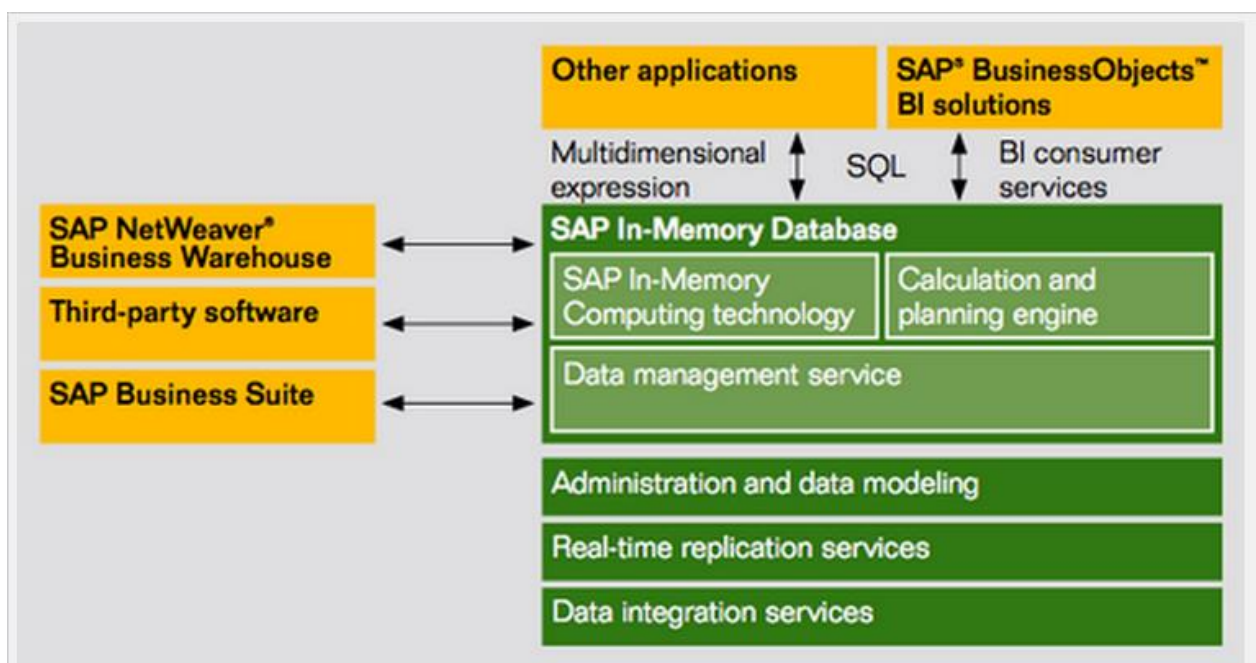
Innovate without boundaries on a database management system, where you can develop intelligent and live solutions for quick decision-making on a single data copy. And with advanced analytics, you can support next-generation transactional processing.

On-premise, multi-cloud, and seamless hybrid deployments

Secure, enterprise-ready database with more than 32,000 customers

In-memory machine learning to embed intelligence into applications and analytics

Single, column-oriented database for transactional and analytical workloads with any data type



CHAPTER 4

EXPERIMENTAL OR MATERIAL METHODS

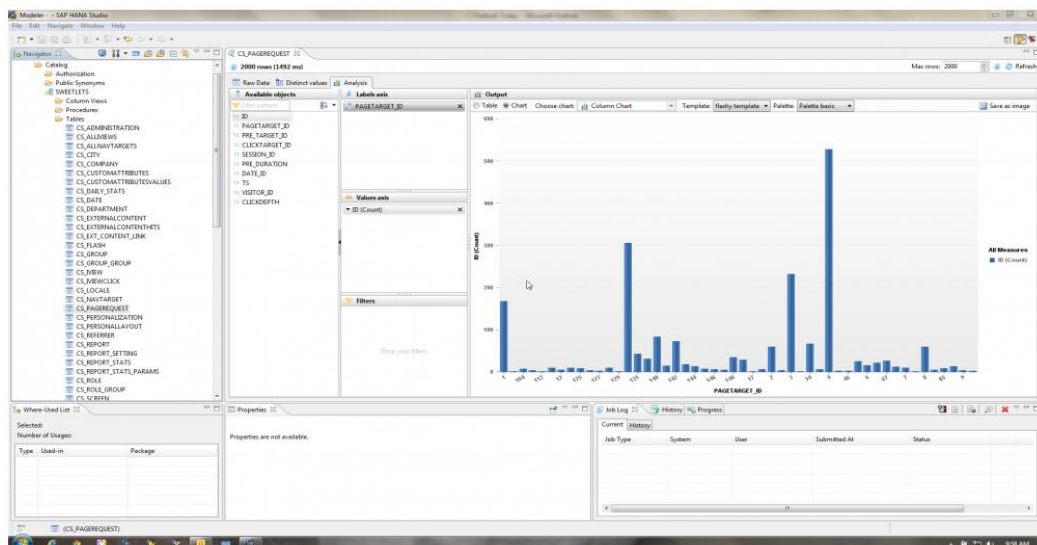
DESIGN METHODOLOGY

Design Studio allows application developers to create and edit applications that are saved in the XML format. These applications contain interactive dashboards and advance data visualizations by using charts, crosstabs, etc. and alias of data source.

It allows you to design applications and enter data manually in Crosstabs or you can also add data using planning objects while using SAP BW as the backend system. Applications developed in Design Studio can have real time connection to SAP HANA or the Business Warehouse System.

SAP BusinessObjects Design Studio can be defined as an Application Development Tool for creating advanced level Dashboards using SAP HANA and Universe Data Sources. These interactive dashboards can be accessed on mobile devices like iPad, mobile phones, and tablets.

To create applications and advanced Dashboards you don't need any knowledge of HTML and UI5 programming and you can subset of Java scripts and bookmarks for application development.



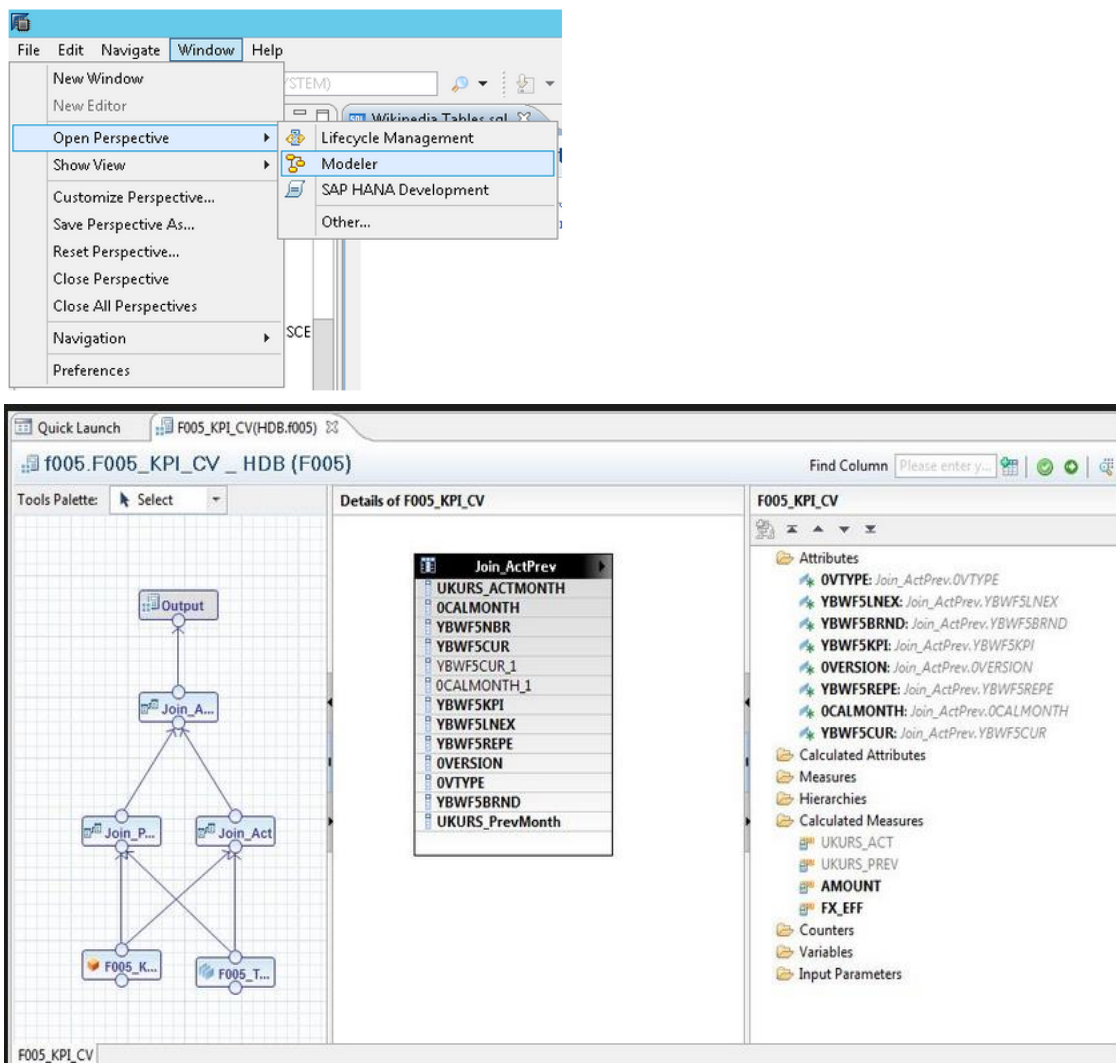
SAP HANA DESIGN STUDIO

Data Source and Binding

You can create applications using different components like charts, crosstabs and data source alias. A Data source alias is defined as an instance of SAP HANA data source. If you want to see the list of components that are used in an application, you can check this in outline view of Design tool.

Data Binding

To use different components like charts, crosstabs you need to bind the data from data source alias to these components. Data binding defines the simple mapping of data to components in application. When data in data alias is changed, Design Studio automatically updates all the components that are bound to that data alias.



SAP HANA DB Services

SAP HANA Database is Main-Memory centric data management platform. SAP HANA Database runs on SUSE Linux Enterprises Server and builds on C++ Language.

SAP HANA Database can be distributed to multiple machines.

SAP HANA Advantages are as mentioned below -

- SAP HANA is useful as it's very fast due to all data loaded in-Memory and no need to load data from disk.
- SAP HANA can be used for the purpose of OLAP (On-line analytic) and OLTP (On-Line Transaction) on a single database.

SAP HANA Database consists of a set of in-memory processing engines. Calculation engine is main in-memory Processing engines in SAP HANA. It works with other processing engine like Relational database Engine

Transactions



Streaming



Spatial



Analytics



Predictive



Text Mining



CHAPTER 4

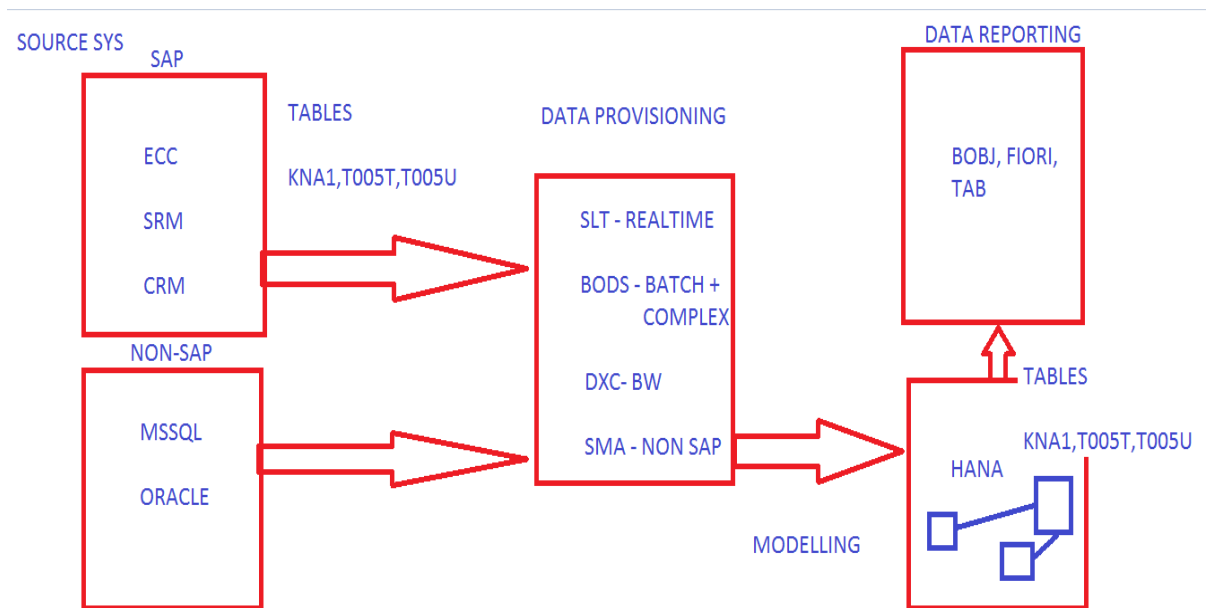
ARCHITECTURE EXPLANATION

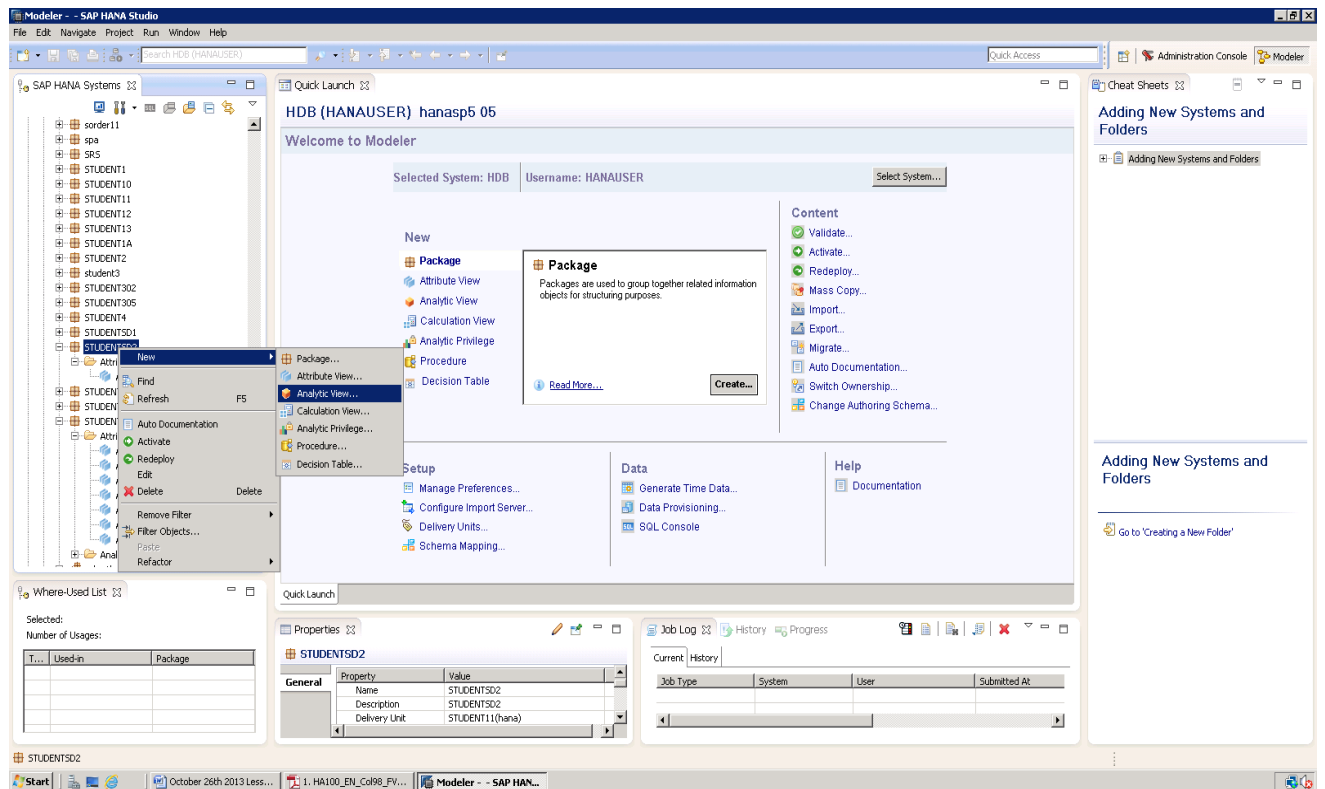
Data is compressed by different compression techniques (e.g. dictionary encoding, run length encoding, sparse encoding, cluster encoding, indirect encoding) in SAP HANA Column store.

When main memory limit is reached in SAP HANA, the whole database objects (table, view, etc.) that are not used will be unloaded from the main memory and saved into the disk.

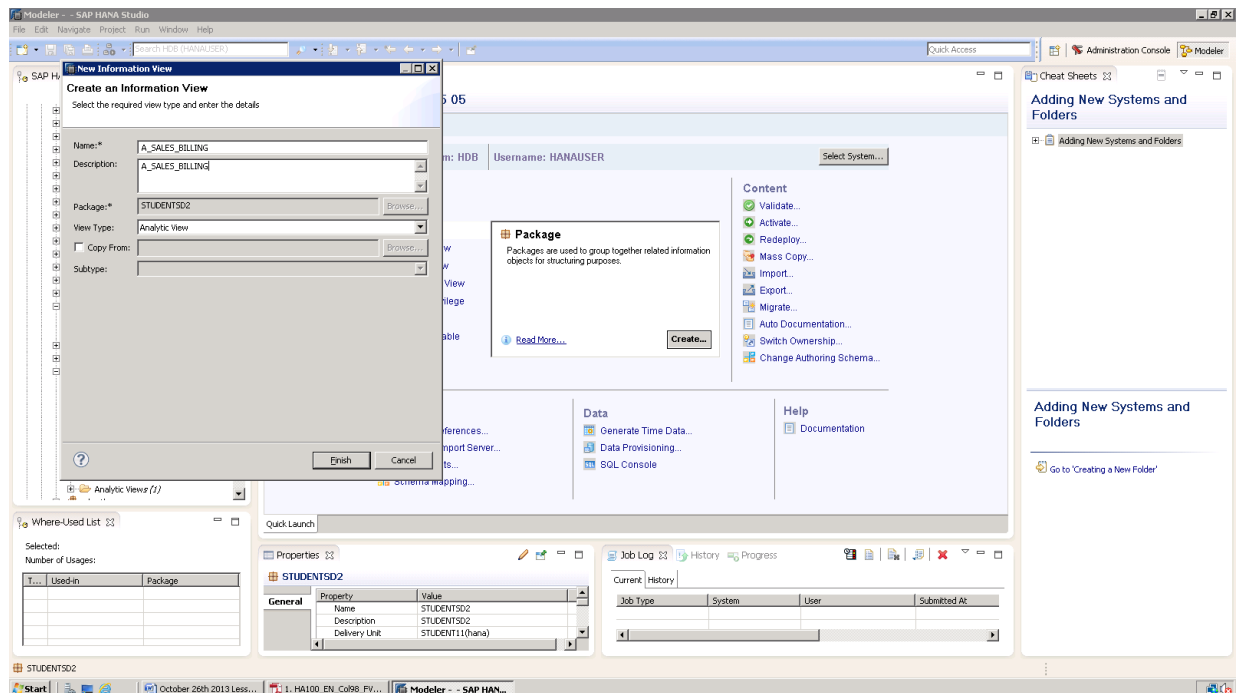
These objects names are defined by application semantic and reloaded into main memory from the disk when required again. Under normal circumstances SAP HANA database manages unloading and loading of data automatically.

However, the user can load and unload data from individual table manually by selecting a table in SAP HANA studio

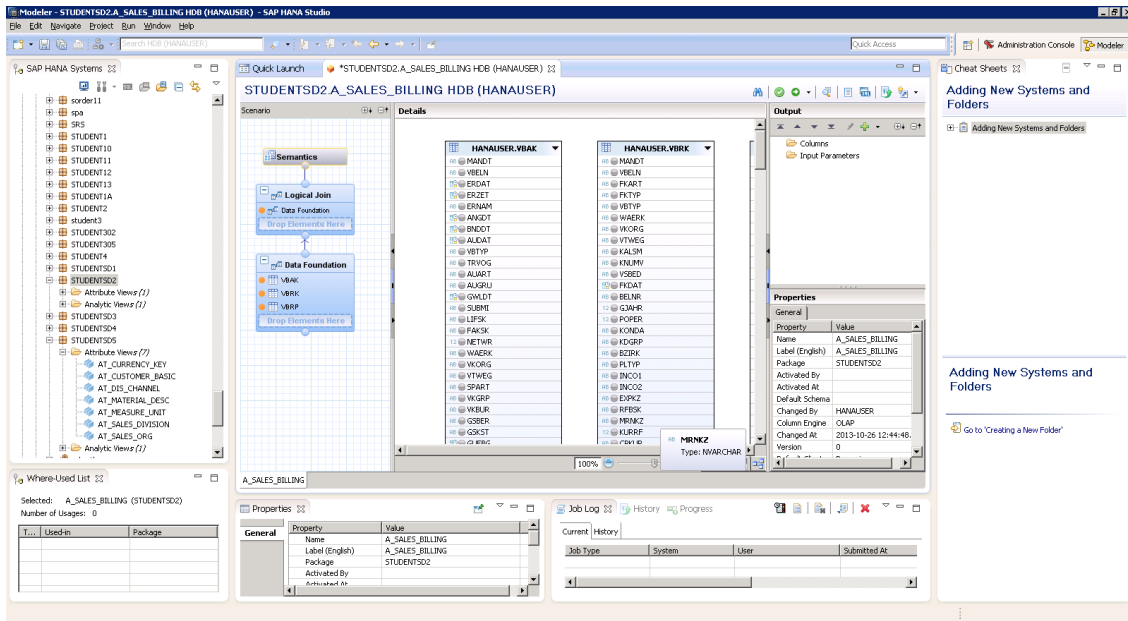




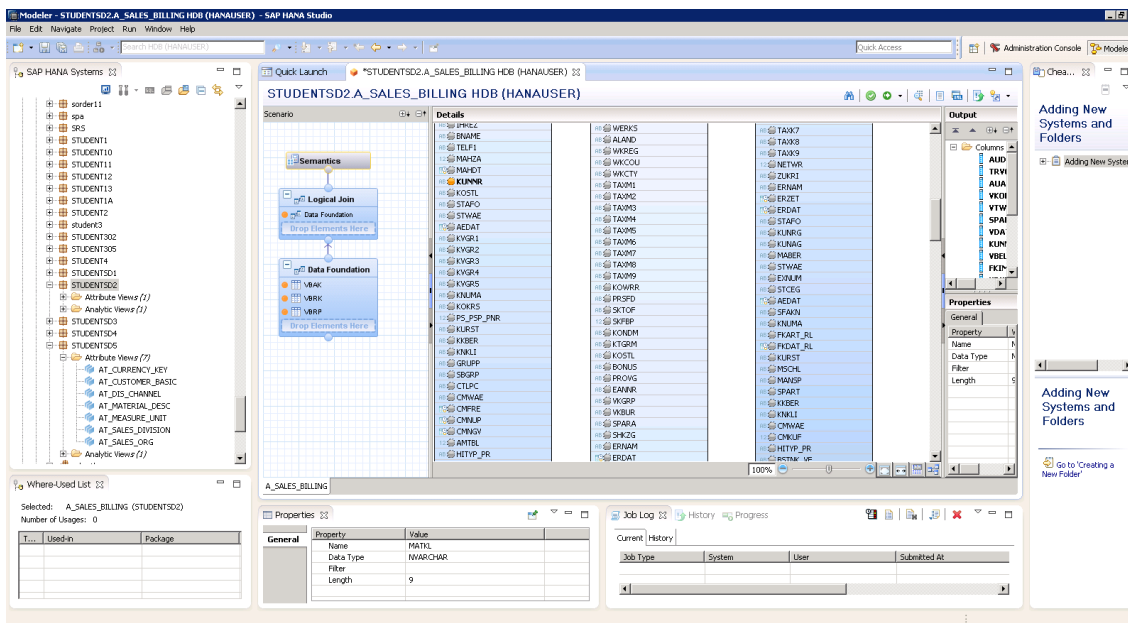
Create a new analytic view



Click on Finish
Click + on Data Foundation



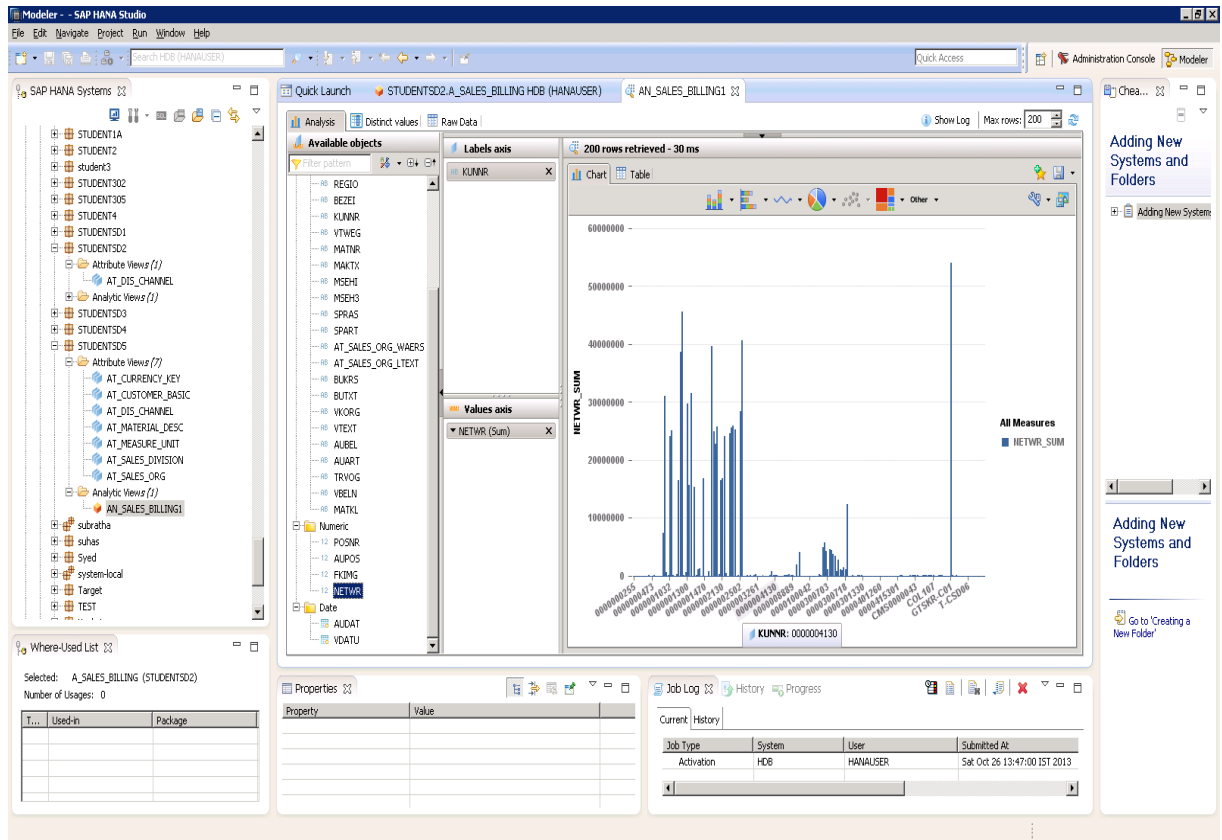
Click on to select Attributes from the 3 tables



Join Attribute VBAK.VBELN to VBRP.AUBEL by dragging and dropping

CHAPTER 5

RESULTS AND PERFORMANCE ANALYSIS



SAP HANA as a strategy to improve performance by re-using queried data rather than re-reading and processing the data every time it is requested.

The static result cache (sometimes referred to as cached views) and the dynamic result cache are applications of this.

The static result cache is created for a specific view and remains valid for the duration of a user-defined retention period.

The dynamic result cache is similar but does not have a retention period;

It guarantees transactional consistency by maintaining delta records of all changes applied to the underlying table.

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT

CONCLUSION

Using this tool we can analyze the organization real time data in dashboard.

The lack of reporting performance as well as high data latency
Complex IT landscapes and high IT workload

Insufficient planning and security regarding effort and timeline for a database migration

FUTURE ENHANCEMENTS

SAP is positioning HANA as the core pillar of its future transaction, analytics, and machine learning platforms, a tiering strategy for data is the clear answer. Previously, SAP HANA users did have an option for accessing data on disk through Smart Data Access, initially developed by Sybase.

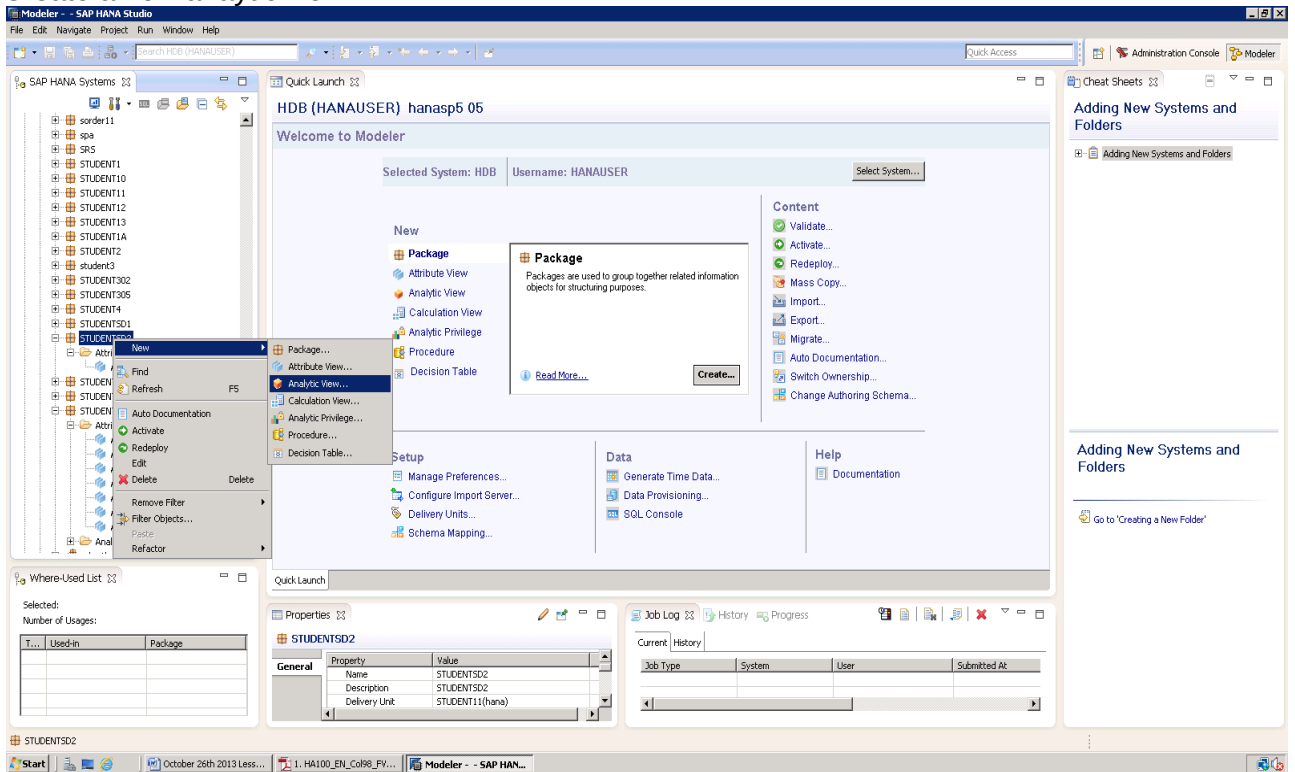
REFERENCES

- [Help.sap.com](https://help.sap.com)
- SAP HANA Modelling Guide.
- [Support.sap.com](https://support.sap.com)

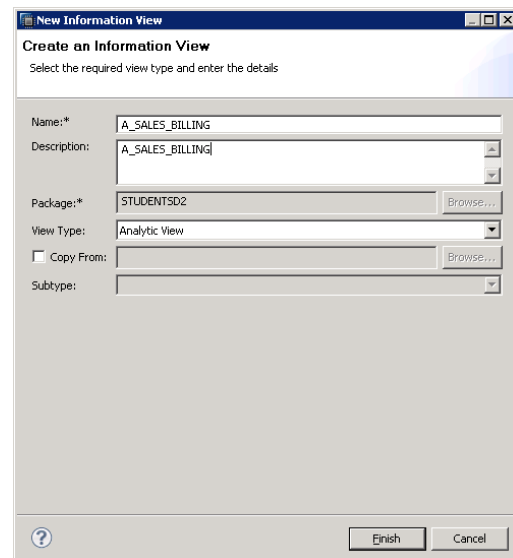
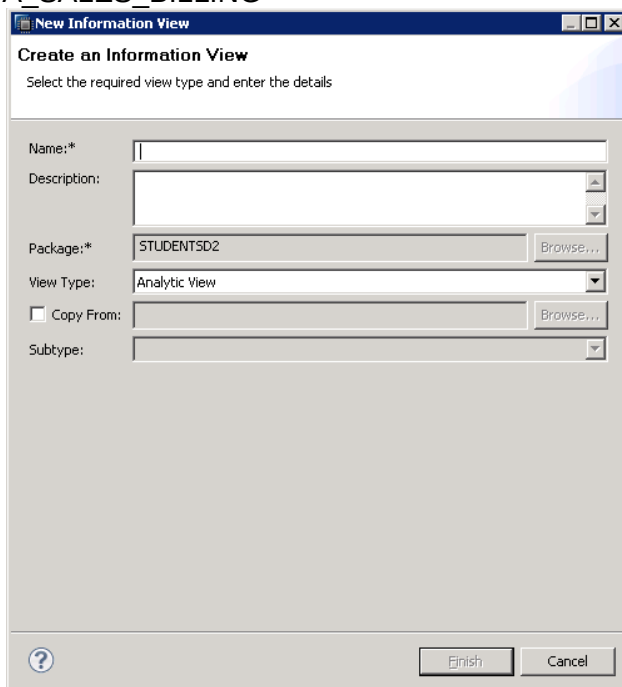
APPENDIX

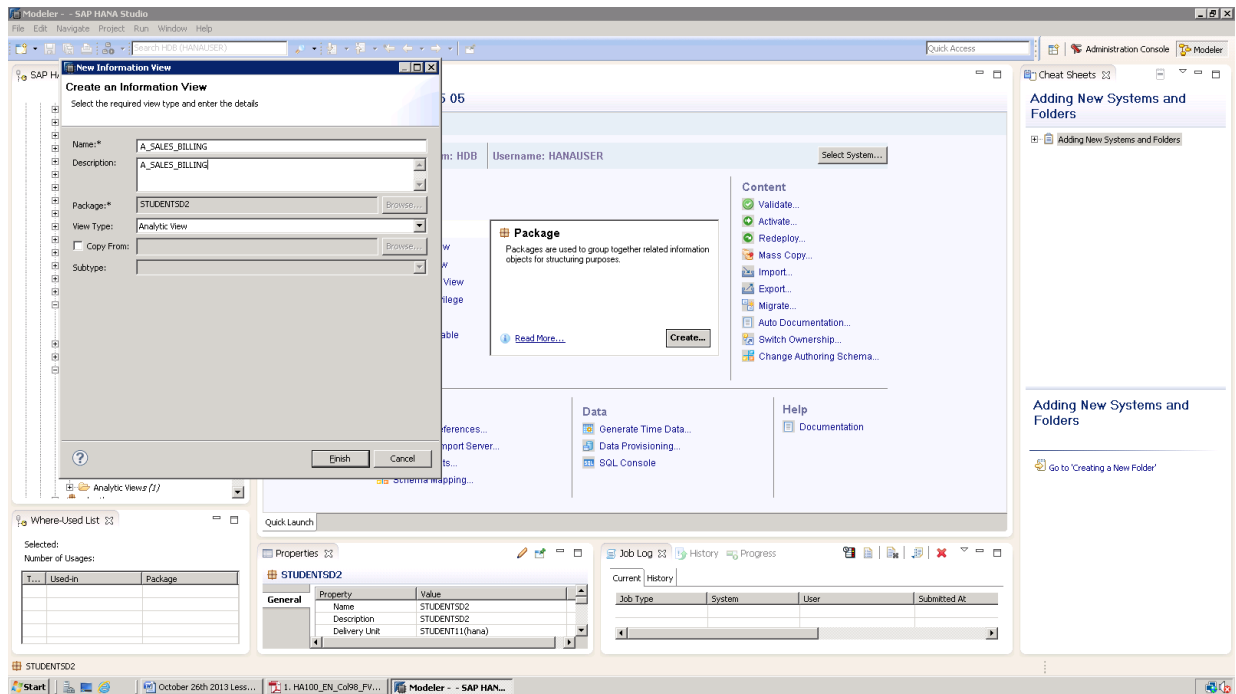
SOURCE

Create a new analytic view



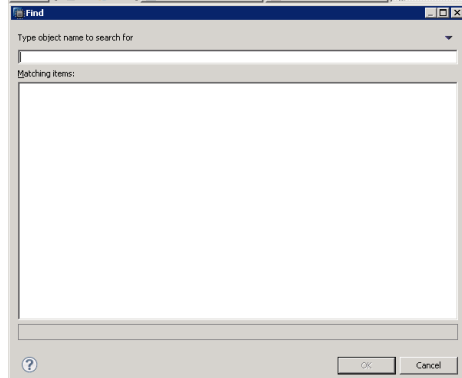
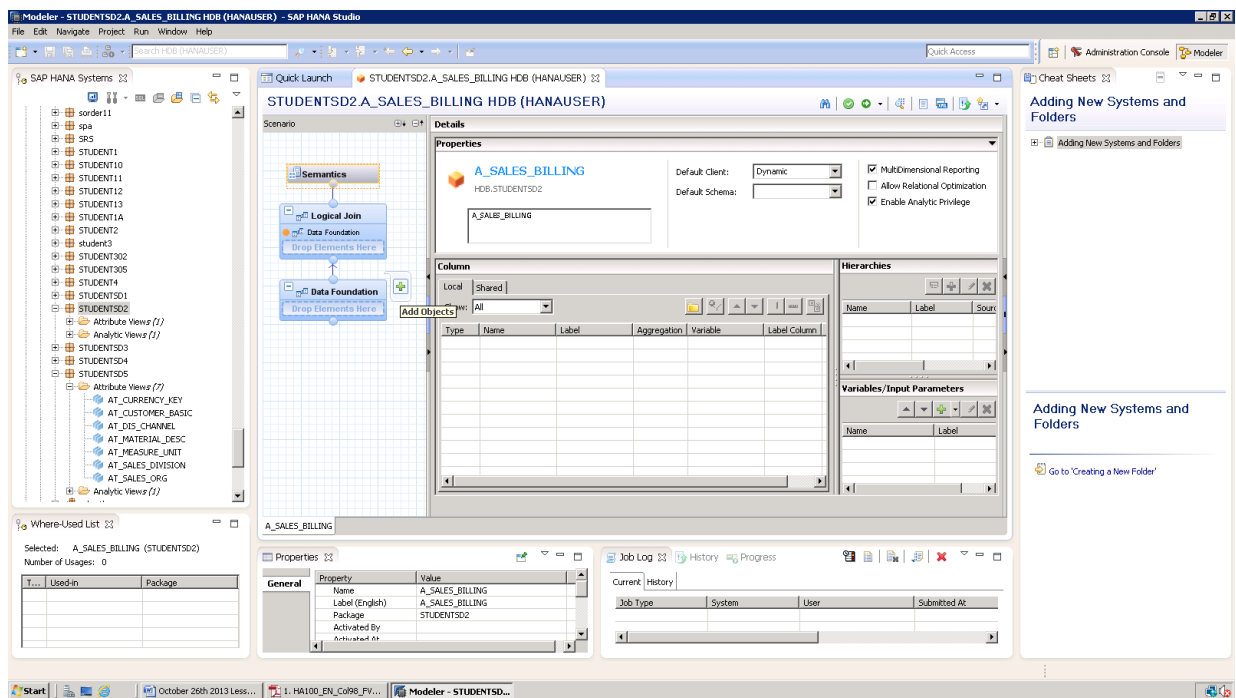
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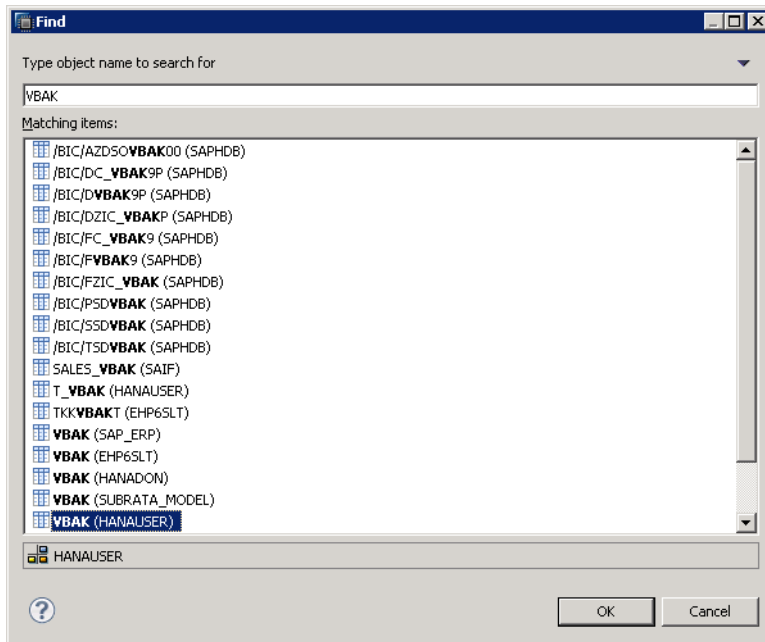


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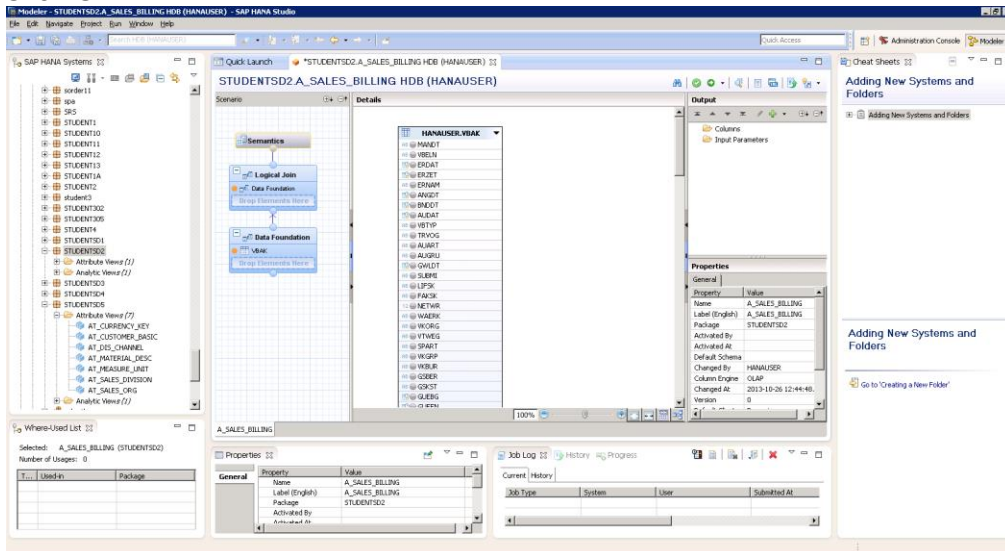
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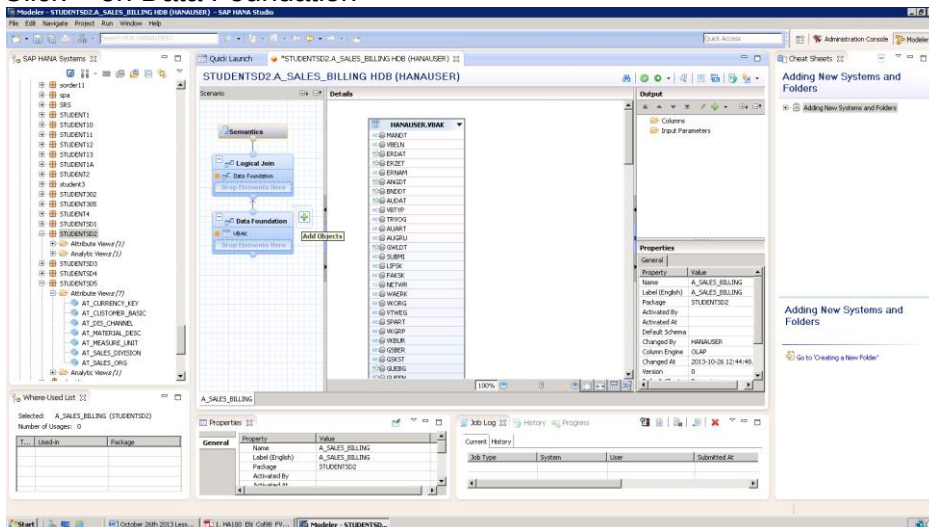
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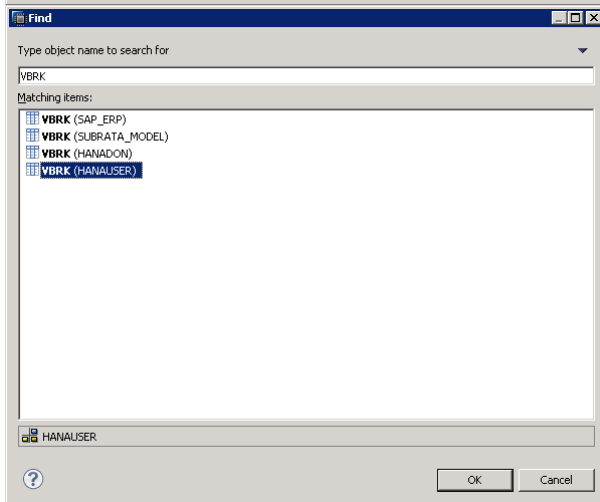
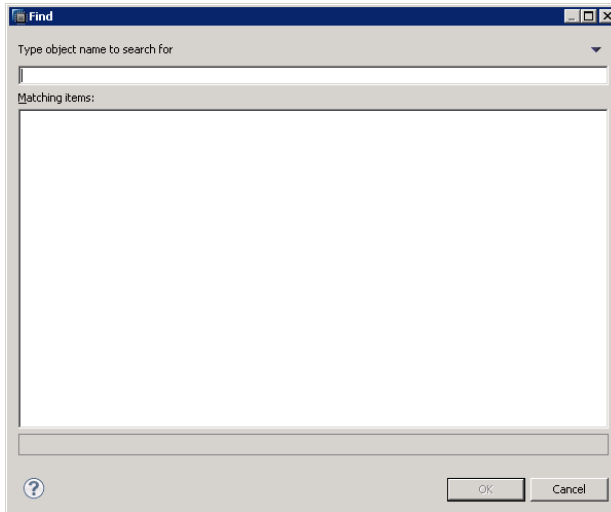


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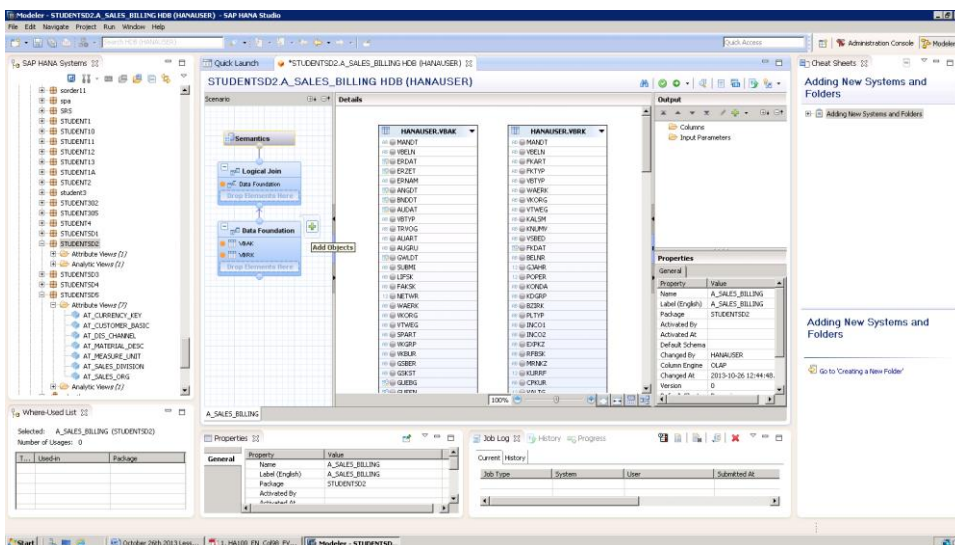
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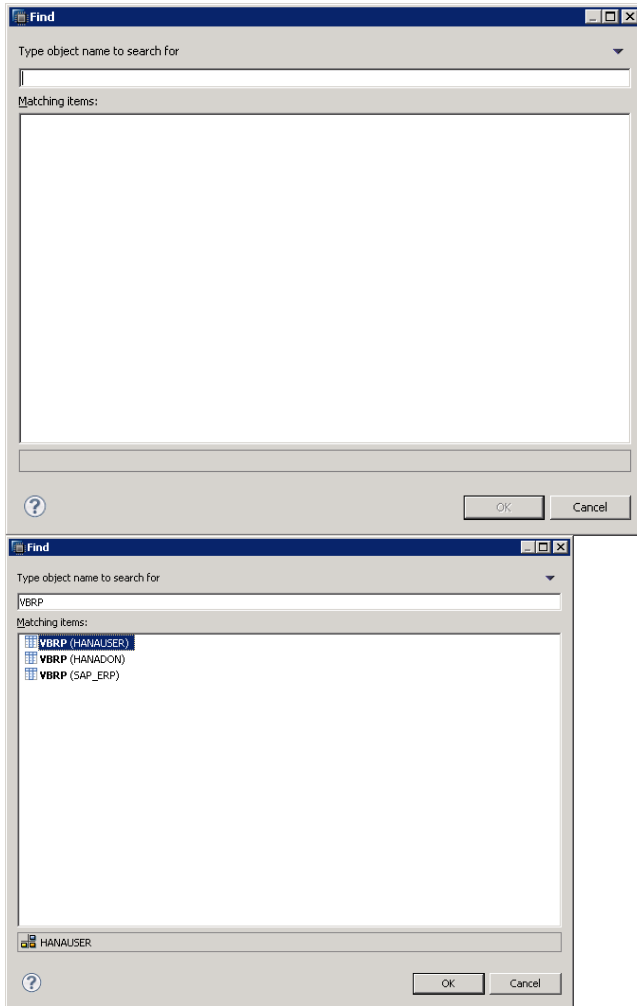




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Click + from Data Foundation

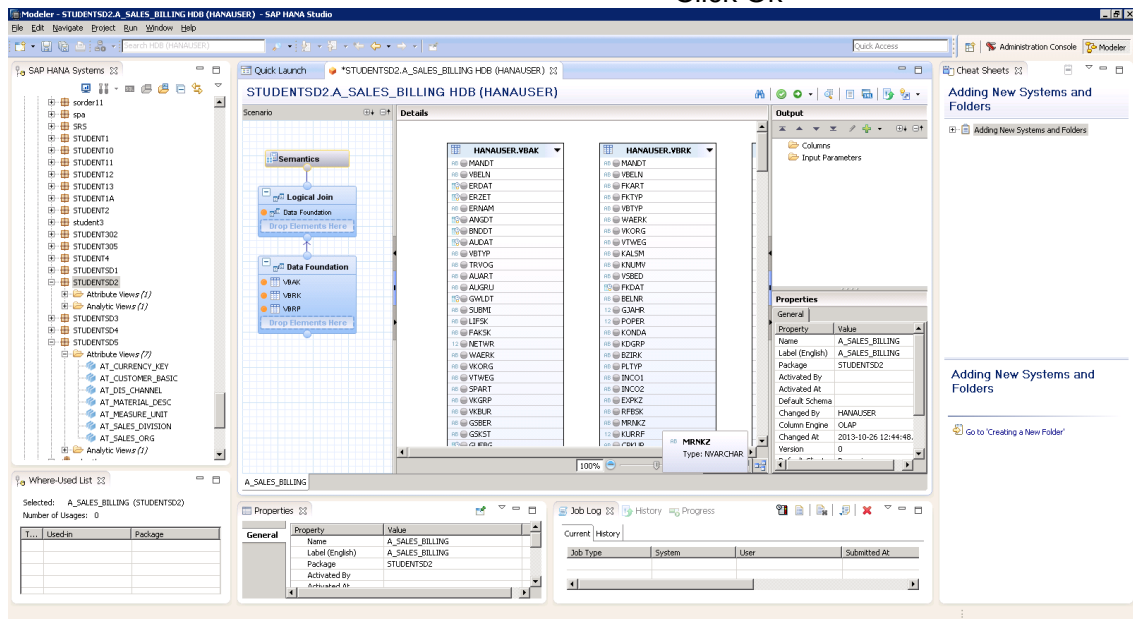
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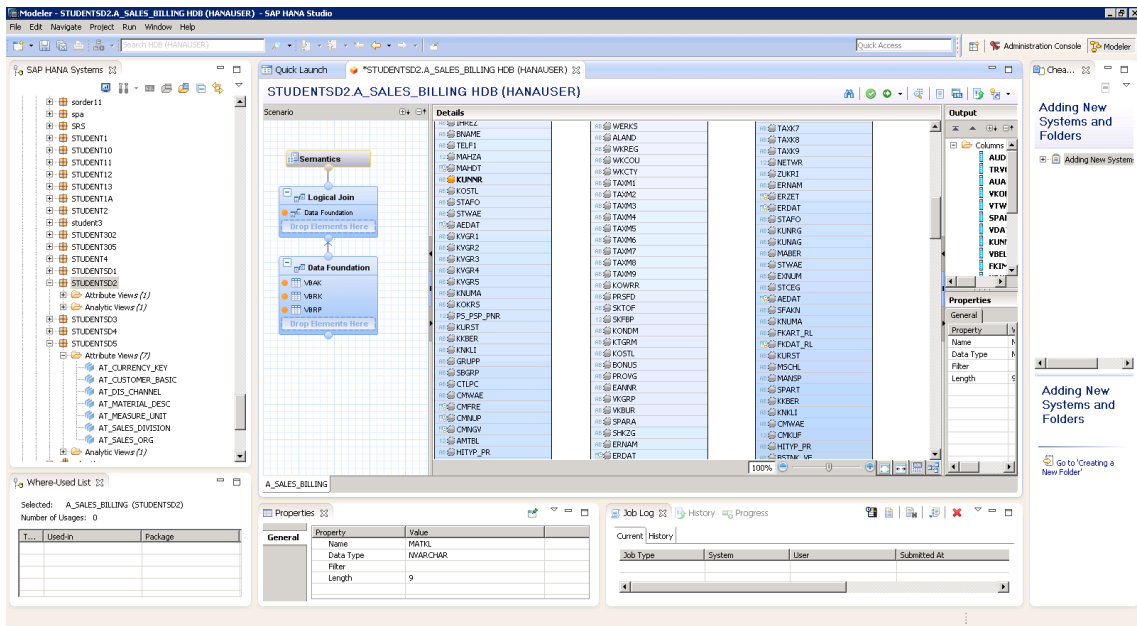
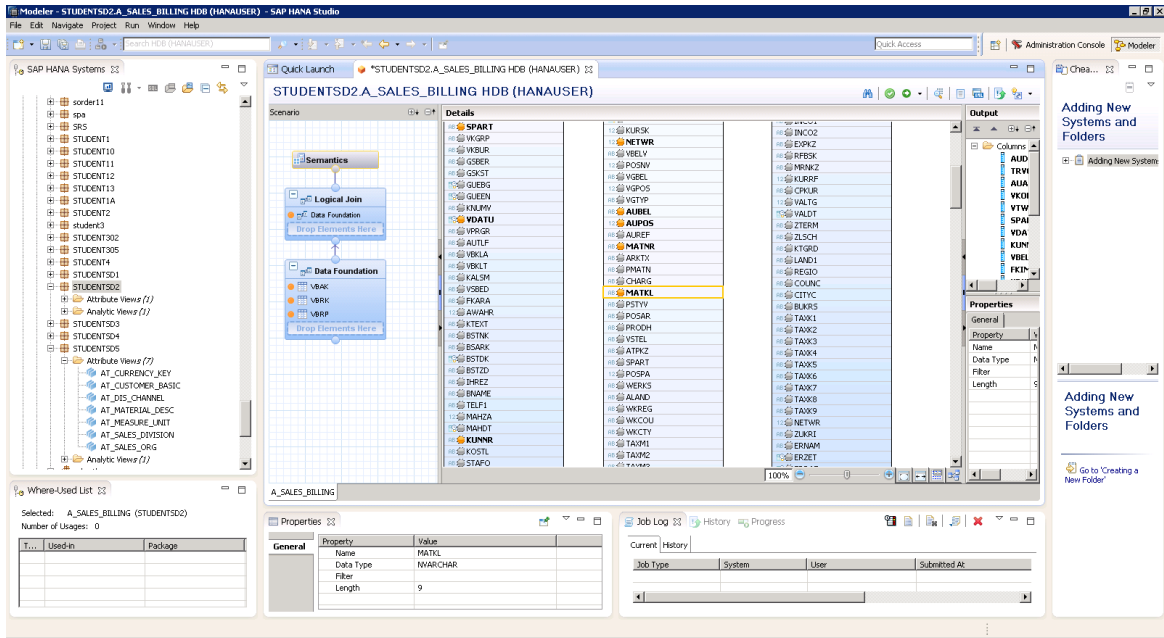


Type VBRP

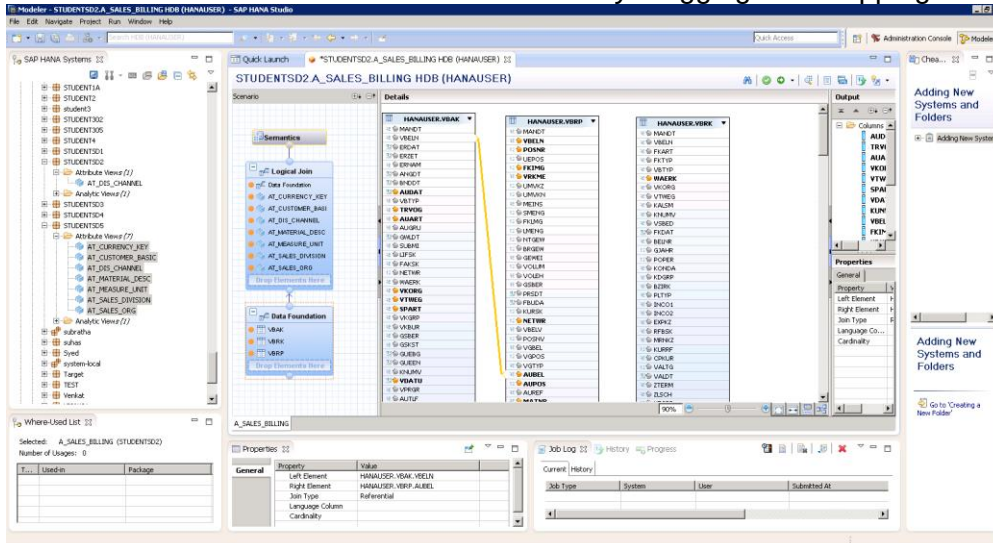
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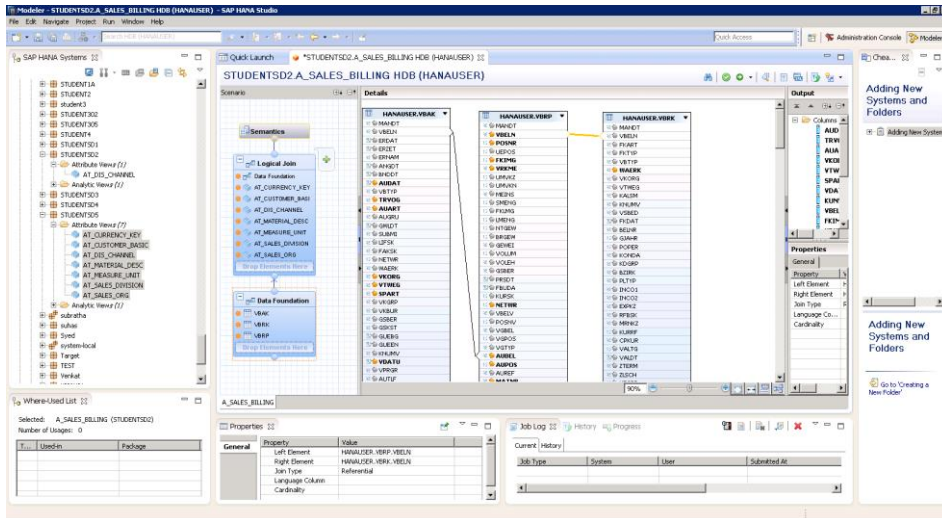
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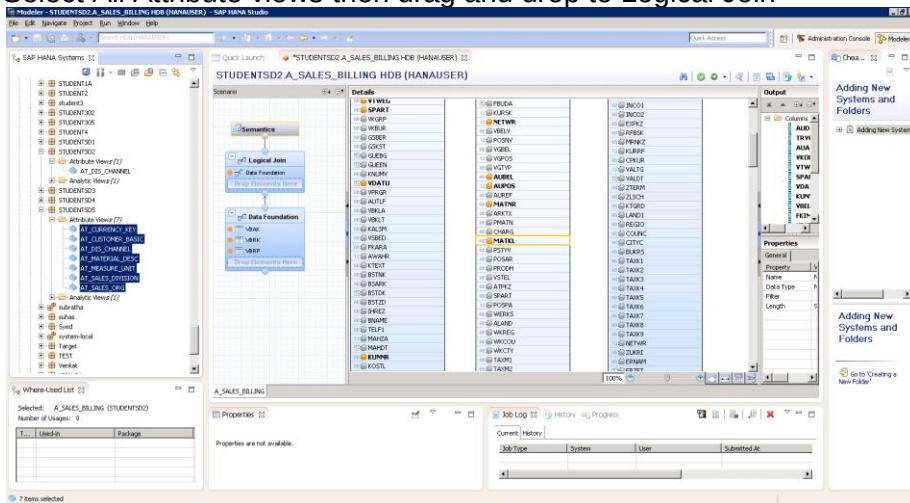
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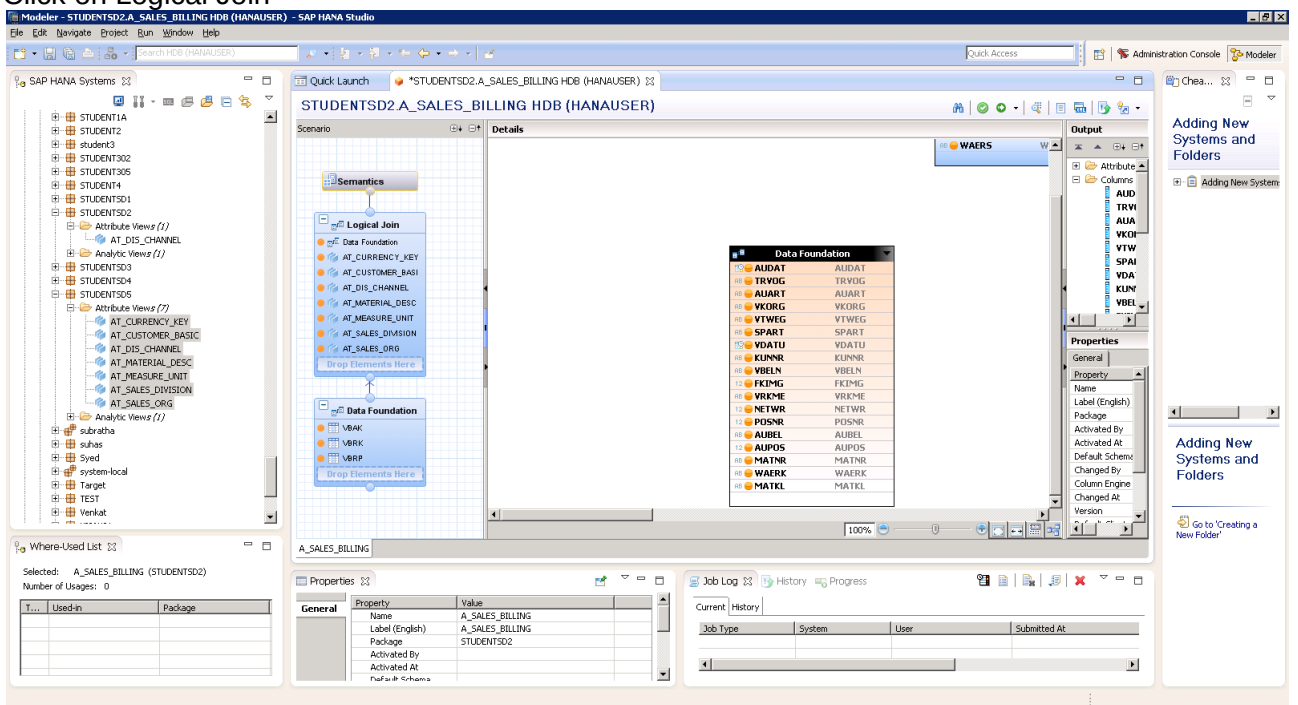
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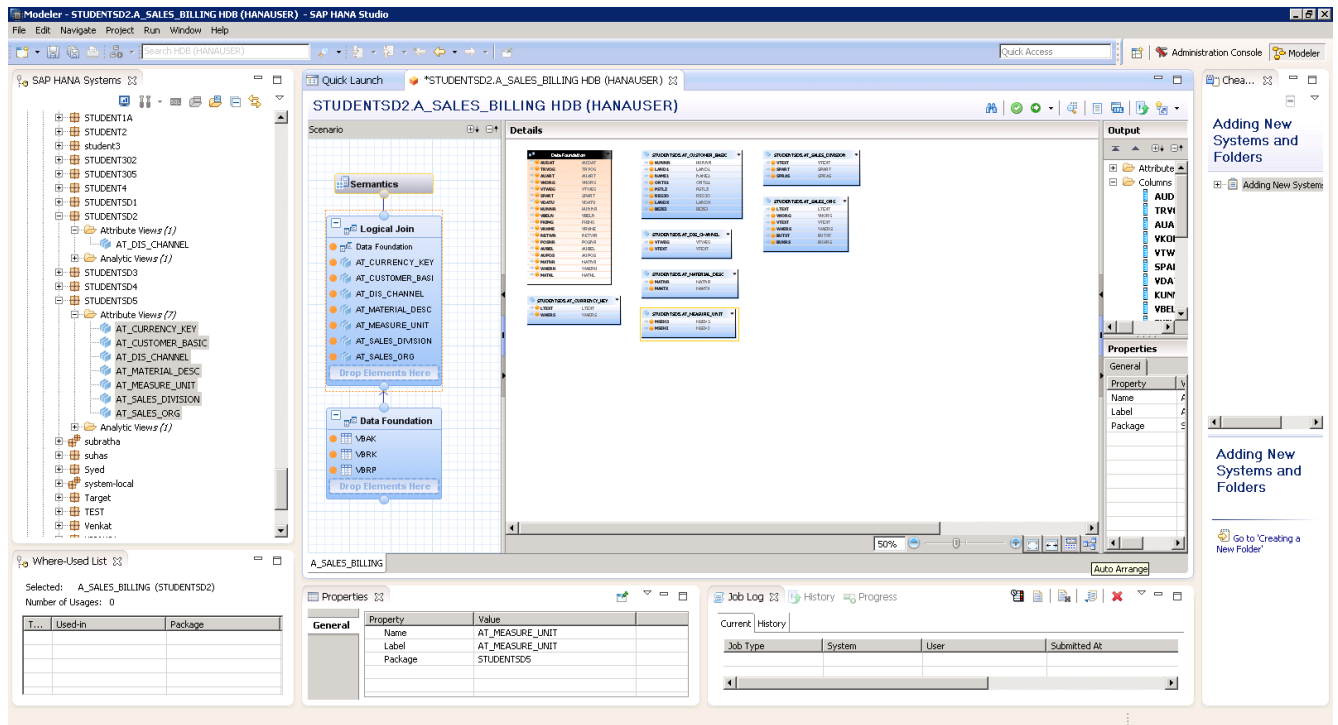
Select All Attribute views then drag and drop to Logical Join



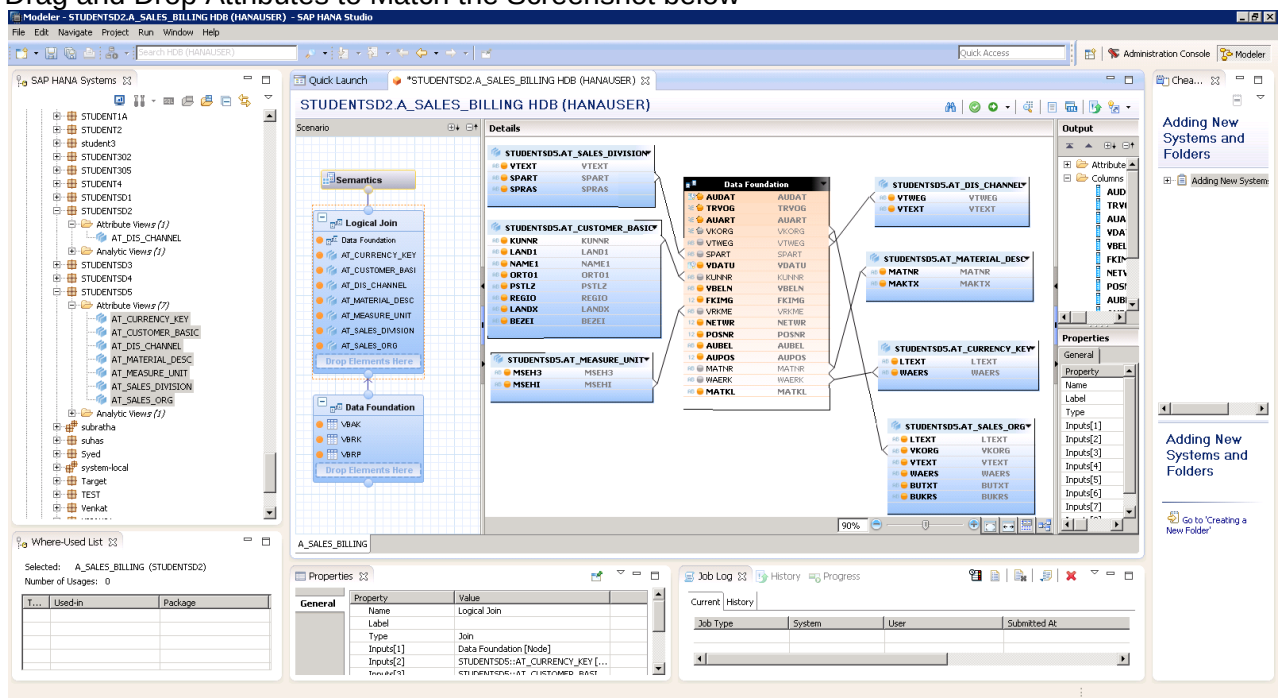
Click on Logical Join



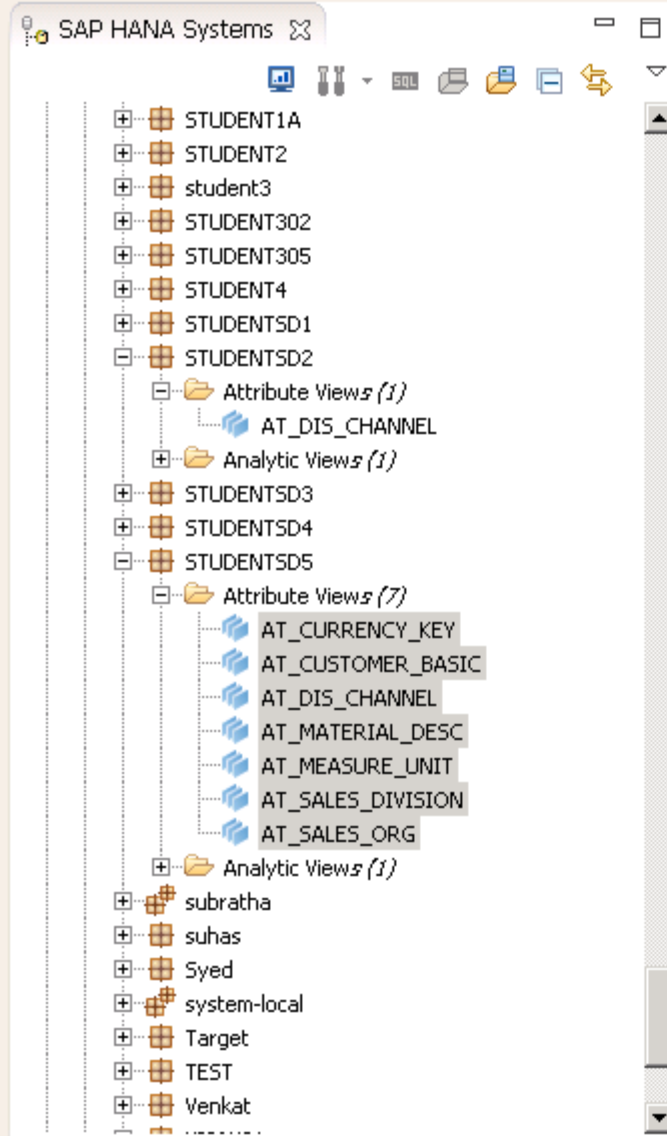
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Drag and Drop Attributes to Match the Screenshot below



Click on Semantics

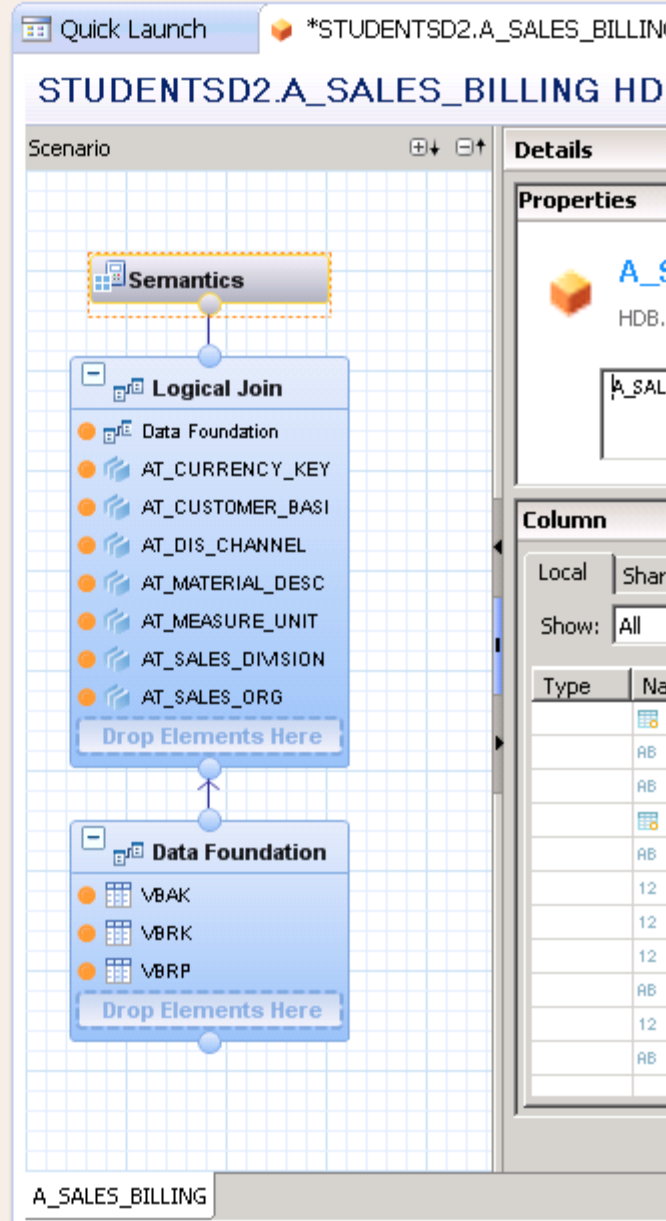


Where-Used List

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T...	Used-in	Package



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Package	STUDENTSD2
Activated By	
Activated At	
Default Schema	

Modeler - STUDENTSD2.A_SALES_BILLING HDB (HANAUSER) - SAP HANA Studio

File Edit Navigate Project Run Window Help

Search HDB (HANAUSER)

SAP HANA Systems

- STUDENT1A
- STUDENT2
- student3
- STUDENT302
- STUDENT305
- STUDENT4
- STUDENTSD1
- STUDENTSD2
 - Attribute Views (1)
 - AT_DIS_CHANNEL
 - Analytic Views (1)
- STUDENTSD3
- STUDENTSD4
- STUDENTSD5
 - Attribute Views (7)
 - AT_CURRENCY_KEY
 - AT_CUSTOMER_BASIC
 - AT_DIS_CHANNEL
 - AT_MATERIAL_DESC
 - AT_MEASURE_UNIT
 - AT_SALES_DIVISION
 - AT_SALES_ORG
 - Analytic Views (1)
- subratha
- suhas
- Syed
- system-local
- Target
- TEST
- Venkat

Quick Launch *STUDENTSD2.A_SALES_BILLING

STUDENTSD2.A_SALES_BILLING HD

Scenario

Semantics

Logical Join

- Data Foundation
- AT_CURRENCY_KEY
- AT_CUSTOMER_BASIC
- AT_DIS_CHANNEL
- AT_MATERIAL_DESC
- AT_MEASURE_UNIT
- AT_SALES_DIVISION
- AT_SALES_ORG

Drop Elements Here

Data Foundation

- VBAK
- VBRK
- VBRP

Drop Elements Here

Details

Properties

Column

Local Share

Show: All

Type Na

Where-Used List

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Number of Usages: 0

T...	Used-in	Package

Properties

General

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Mapping	Data Foundation.AUDAT

A_SALES_BILLING

Start | October 26th 2013 Less... | 1. HA100_EN_Col98_FV... | Modeler - STUDENTSD...

Match Attributes and Order as in the screenshot below

Modeler - STUDENTSD2.A_SALES_BILLING HDB (HANAUSER) - SAP HANA Studio

File Edit Navigate Project Run Window Help

Search HDB (HANAUSER)

Quick Launch *STUDENTSD2.A_SALES_BILLING HDB (HANAUSER)

STUDENTSD2.A_SALES_BILLING HDB (HANAUSER)

Scenario

Semantics

Logical Join

- Data Foundation
- AT_CURRENCY_KEY
- AT_CUSTOMER_BAS1
- AT_DIS_CHANNEL
- AT_MATERIAL_DESC
- AT_MEASURE_UNIT
- AT_SALES_DIVISION
- AT_SALES_ORG

Drop Elements Here

Data Foundation

- VBAK
- VBERK
- VBRP

Drop Elements Here

Details

Properties

A_SALES_BILLING

HDB.STUDENTSD2

Default Client: Dynamic

Default Schema:

A_SALES_BILLING

MultiDimensional Reporting

Allow Relational Optimization

Enable Analytic Privilege

Column

Local Shared

Show: All

Type	Name	Label	Aggregation	Variable	Label Column	Hidden
	AUBEL	AUBEL				
	AUDAT	AUDAT				
	AUART	AUART				
	TRVOG	TRVOG				
	VDATU	VDATU				
	VBELN	VBELN				
	POSNR	POSNR				
	AUPOS	AUPOS				
	MATKL	MATKL				
	FKIMG	FKIMG	SUM			
	NETWR	NETWR	SUM			

Hierarchies

Name	Label	Source

Variables/Input Parameters

Name	Label

Where-Used List

Selected: A_SALES_BILLING (STUDENTSD2)

Number of Usages: 0

T...	Used-in	Package

Properties

General

Property	Value
Name	AUBEL
Label	AUBEL
Mapping	Data Foundation.AUBEL
Drill Down Enabled	False
Label Column	

Job Log

Current History

Job Type	System	User	Submitted At

Click on Save and Activate

Modeler - STUDENTSD2.A_SALES_BILLING HDB (HANAUSER) - SAP HANA Studio

File Edit Navigate Project Run Window Help

Search HDB (HANAUSER)

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STUDENTSD2.A_SALES_BILLING HDB (HANAUSER)

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Drop Elements Here

Data Foundation

- VBAK
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Drop Elements Here

Details

Properties

A_SALES_BILLING

HDB.STUDENTSD2

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Default Schema:

A_SALES_BILLING

MultiDimensional Reporting

Allow Relational Optimization

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Column

Local Shared

Show: All

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	TRVOG	TRVOG				
	VDATU	VDATU				
	VBELN	VBELN				
	POSNR	POSNR				
	AUPOS	AUPOS				
	MATKL	MATKL				
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	NETWR	NETWR	SUM			

Hierarchies

Name	Label	Source

Variables/Input Parameters

Name	Label

Where-Used List

Selected: A_SALES_BILLING (STUDENTSD2)

Number of Usages: 0

T...	Used-in	Package

Properties

General

Property	Value
Name	AUBEL
Label	AUBEL
Mapping	Data Foundation.AUBEL
Drill Down Enabled	False
Label Column	

Job Log

Current History

Job Type	System	User	Submitted At

Adding New Systems and Folders

Adding New System

Adding New Systems and Folders

Go to 'Creating a New Folder'

Popup Window Displays

Alias Proposal

Alias Proposal

The following alias names are proposed

Attribute Name	Alias Name
LTEXT	AT_SALES_ORG_LTEXT
VTEXT	AT_SALES_ORG_VTEXT
WAERS	AT_SALES_ORG_WAERS
VTEXT	AT_SALES_DIVISION_VTEXT

OK Cancel

Click on Ok

Modeler - STUDENTS2.A_SALES_BILLING HDB (HANAUSER) - SAP HANA Studio

File Edit Navigate Project Run Window Help

Search HDB (HANAUSER)

SAP HANA Systems

- STUDENT1A
- STUDENT2
- student3
- STUDENT302
- STUDENT305
- STUDENT4
- STUDENTSD1
- STUDENTSD2
 - Attribute Views (1)
 - AT_DIS_CHANNEL
 - Analytic Views (1)
- STUDENTSD3
- STUDENTSD4
- STUDENTSD5
 - Attribute Views (7)
 - AT_CURRENCY_KEY
 - AT_CUSTOMER_BASIC
 - AT_DIS_CHANNEL
 - AT_MATERIAL_DESC
 - AT_MEASURE_UNIT
 - AT_SALES_DIVISION
 - AT_SALES_ORG
 - Analytic Views (1)
- subratha
- suhas
- Syed
- system-local
- Target
- TEST
- Venkat

Quick Launch

STUDENTSD2.A_SALES_BILLING HDB (HANAUSER)

Scenario

Semantics

Logical Join

- Data Foundation
- AT_CURRENCY_KEY
- AT_CUSTOMER_BASI
- AT_DIS_CHANNEL
- AT_MATERIAL_DESC
- AT_MEASURE_UNIT
- AT_SALES_DIVISION
- AT_SALES_ORG

Drop Elements Here

Data Foundation

- VBAK
- VBRK
- VBRP

Drop Elements Here

A_SALES_BILLING

Details

Properties

A_SALES_BILLING

HDB.STUDENTSD2

Default Client:

Default Schema:

Column

Local Shared

Show: All

Type	Name	Label	Aggregation	Variable	Label Col
RB	AUBEL	AUBEL			
RB	AUDAT	AUDAT			
RB	AUART	AUART			
RB	TRVOG	TRVOG			
RB	VDATU	VDATU			
RB	VBELN	VBELN			
12	POSNR	POSNR			
12	ALPOS	ALPOS			
RB	MATKL	MATKL			
12	FKIMG	FKIMG	SUM		
12	NETWR	NETWR	SUM		

Where-Used List

Selected: A_SALES_BILLING (STUDENTSD2)

Number of Usages: 0

T...	Used-in	Package

Properties

General

Property	Value
Name	A_SALES_BILLING
Label (English)	A_SALES_BILLING
Package	STUDENTSD2
Activated By	
Activated At	Default Schema

Job Log

History

Progress

Current History

Job Type	System
Activation	HDB

Right Click on Analytic View

Modeler - STUDENTS2.A_SALES_BILLING HDB (HANAUSER) - SAP HANA Studio

File Edit Navigate Project Run Window Help

Search HDB (HANAUSER)

SAP HANA Systems

- STUDENT1A
- STUDENT2
- student3
- STUDENT302
- STUDENT305
- STUDENT4
- STUDENTSD1
- STUDENTSD2
 - Attribute Views (1)
 - AT_DIS_CHANNEL
 - Analytic Views (1)
- STUDENTSD3
- STUDENTSD4
- STUDENTSD5
 - Attribute Views (7)
 - AT_CURRENCY_KEY
 - AT_CUSTOMER_BASIC
 - AT_DIS_CHANNEL
 - AT_MATERIAL_DESC
 - AT_MEASURE_UNIT
 - AT_SALES_DIVISION
 - AT_SALES_ORG
 - Analytic Views (1)
- subratha
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STUDENTSD2.A_SALES_BILLING HDB (HANAUSER)

Scenario

Semantics

Logical Join

- Data Foundation
- AT_CURRENCY_KEY
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- AT_DIS_CHANNEL
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Drop Elements Here

Data Foundation

- VBAK
- VBRK
- VBRP

Drop Elements Here

A_SALES_BILLING

Details

Properties

A_SALES_BILLING

HDB.STUDENTSD2

Default Client: Dynamic

Default Schema:

Columns

Local Shared

Show: All

Type	Name	Label	Aggregation	Variable	Label Column	Hidden
RB	AUBEL	AUBEL				
RB	AUDAT	AUDAT				
RB	AUART	AUART				
RB	TRVOG	TRVOG				
RB	VDATU	VDATU				
RB	VBELN	VBELN				
12	POSNR	POSNR				
12	ALPOS	ALPOS				
RB	MATKL	MATKL				
12	FKIMG	FKIMG	SUM			
12	NETWR	NETWR	SUM			

Right Click on Analytic View

- Open
- Validate
- Activate
- Rebuild
- Refresh
- Drop
- Copy
- Paste
- Auto Documentation
- Copy
- Refactor

Where-Used List

Selected: A_SALES_BILLING (STUDENTSD2)

Number of Usages: 0

T...	Used-in	Package

Job Log

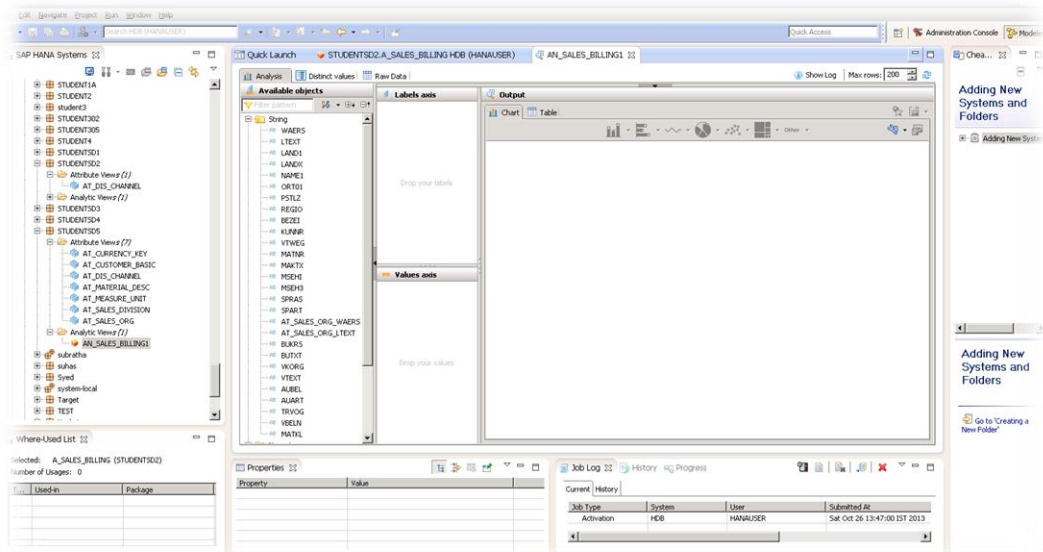
History

Progress

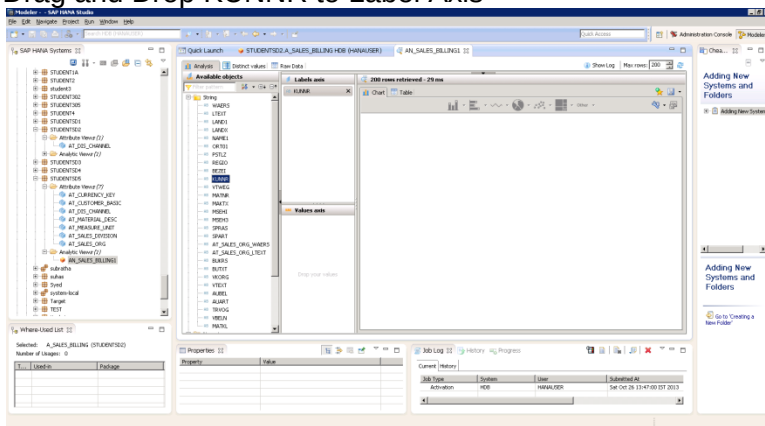
Current History

Job Type	System	User	Submitted At
Activation	HDB	HANAUSER	Sat Oct 26 13:47:00 IST 2013

Click on Data Preview



Drag and Drop KUNNR to Label Axis



Drag and Drop NETWR to Values Axis

