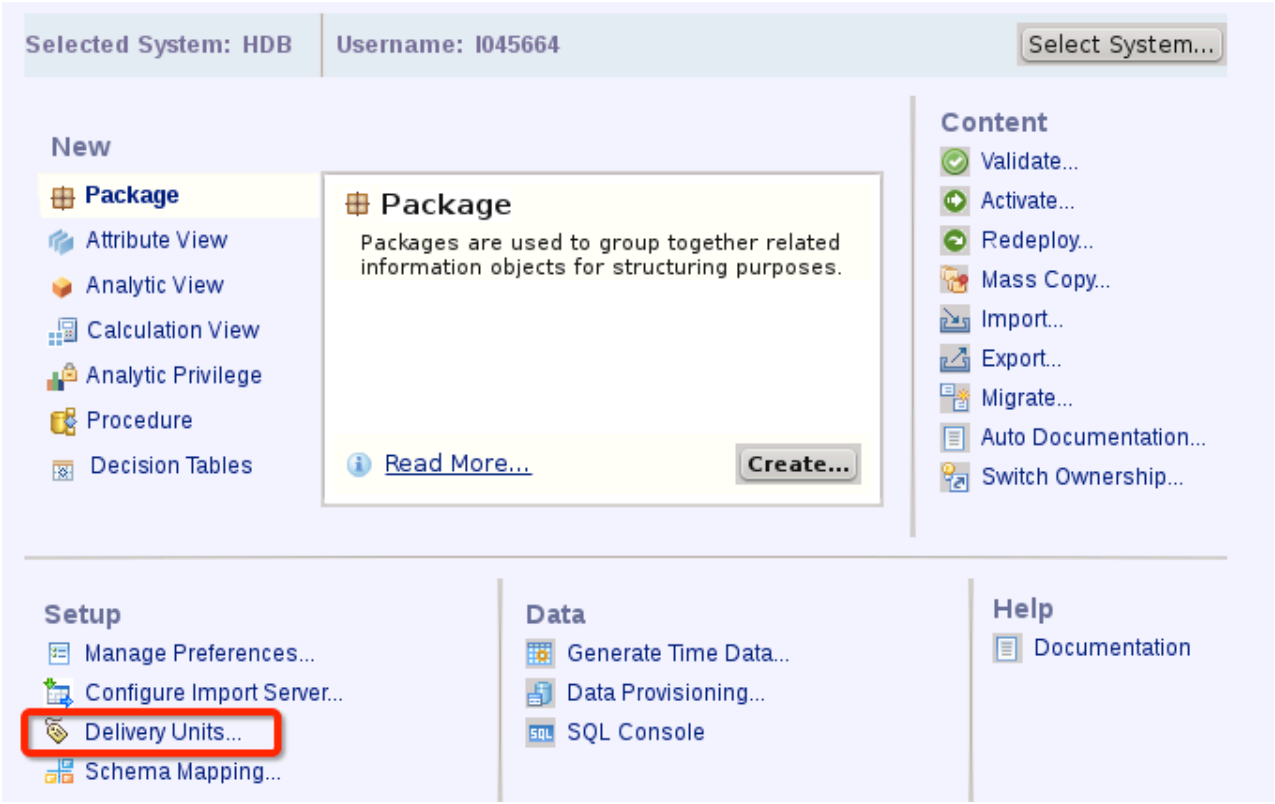
Preparing the Dataset

For those who are using the instructor's system, you do not need to do this exercise because the data set is already existed in the instructor's system. However, you can still have a quick check and learn what is delivery unit and how to import delivery unit into your HANA system.

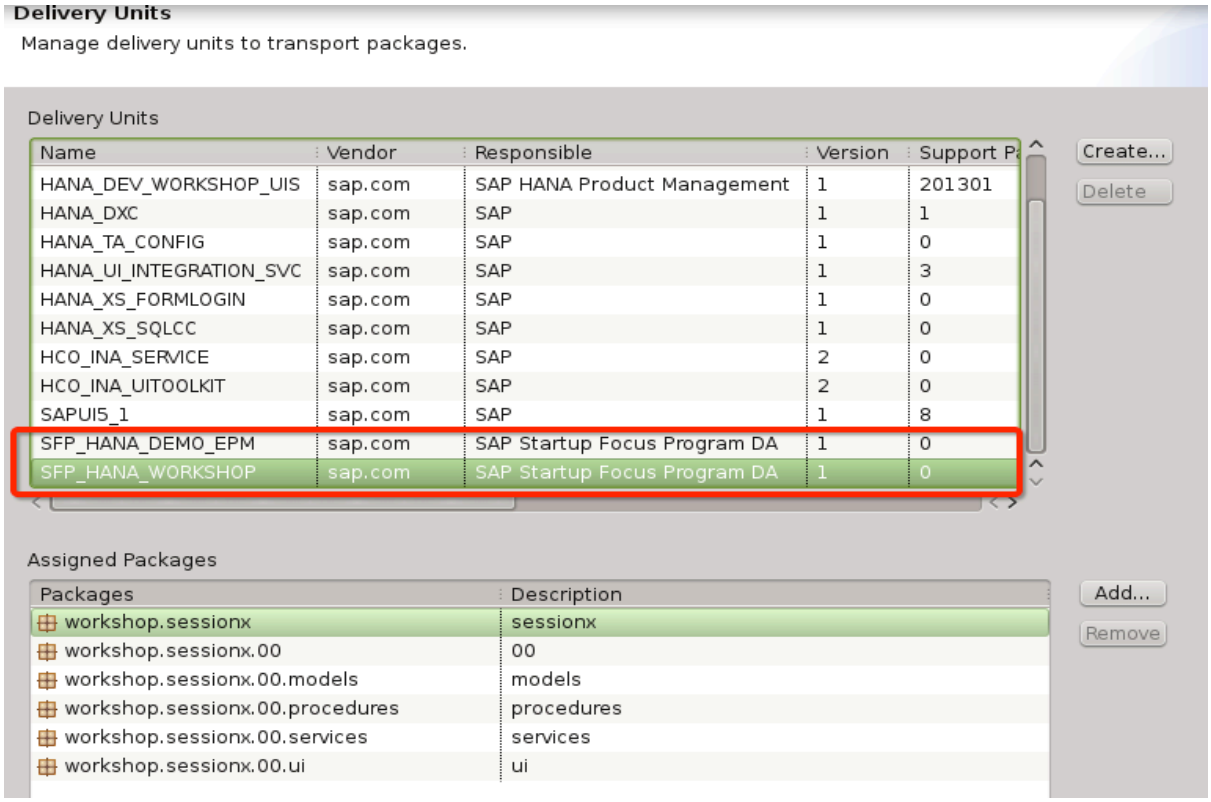
Delivery Unit and Transport of Content

The Delivery Unit is the main method of collecting development objects for transport between SAP HANA systems. You assign all the packages belonging to your application to the same delivery unit to ensure that they are transported consistently together within your system landscape. Each delivery unit has a unique identity, consists of two parts: a vendor name and a delivery-unit name. The combined ID ensures that delivery units from different vendors are easy to distinguished.

To view the installed delivery units in the system, you can go to the HANA Studio menu Help→Welcome→open Modeler→Delivery Units:



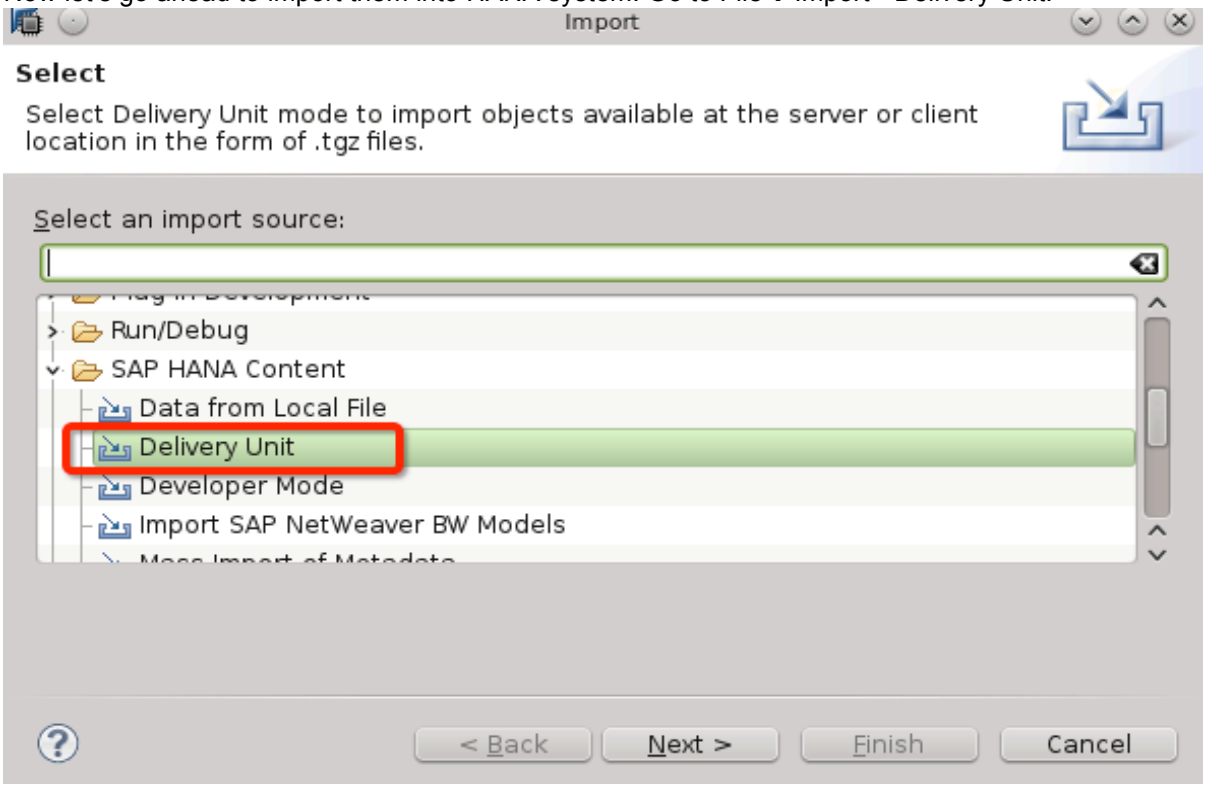
After completed the exercise, you will get the delivery units from SAP Startup Focus Program DA in your system like this:



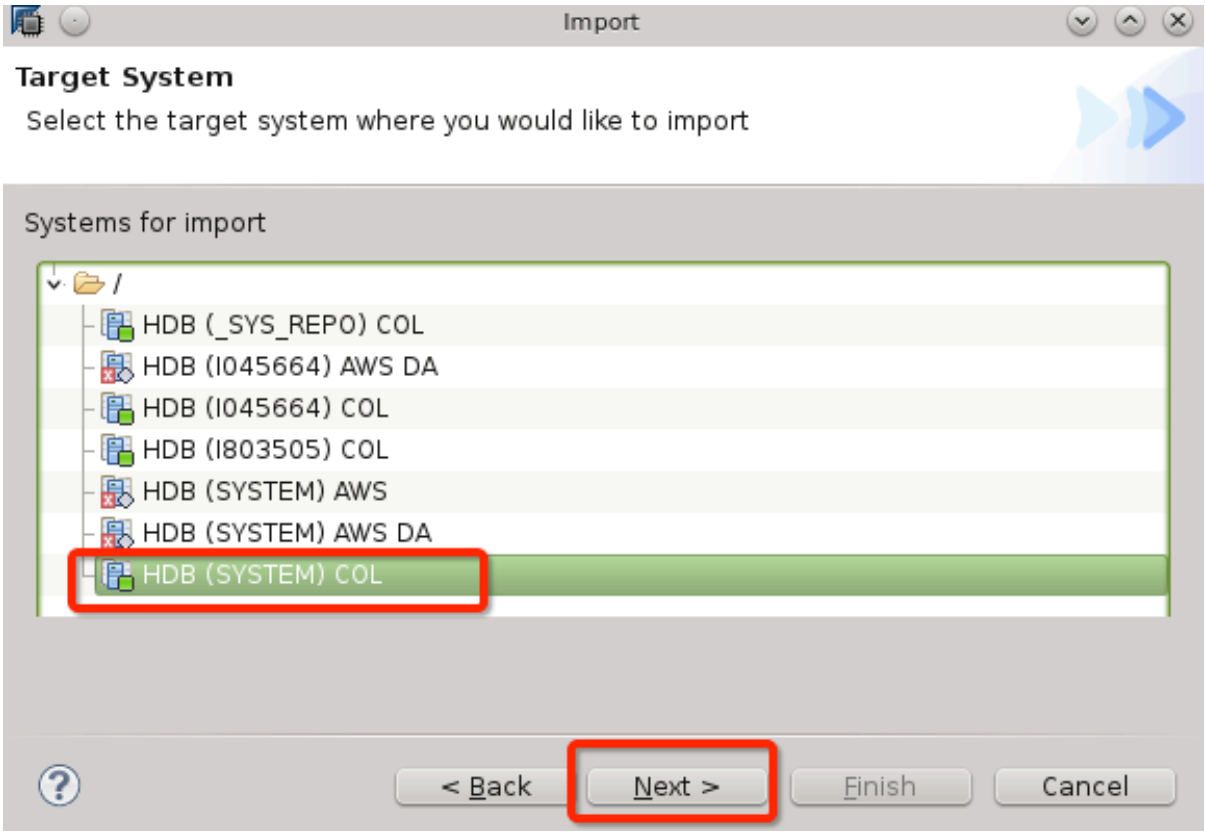
Import the Delivery Units

You should already have received the delivery units from your instructor. You should have the delivery unit **SFP_EPM_DATASET.tgz** for the EPM dataset generation and all our following exercises will be based on this.

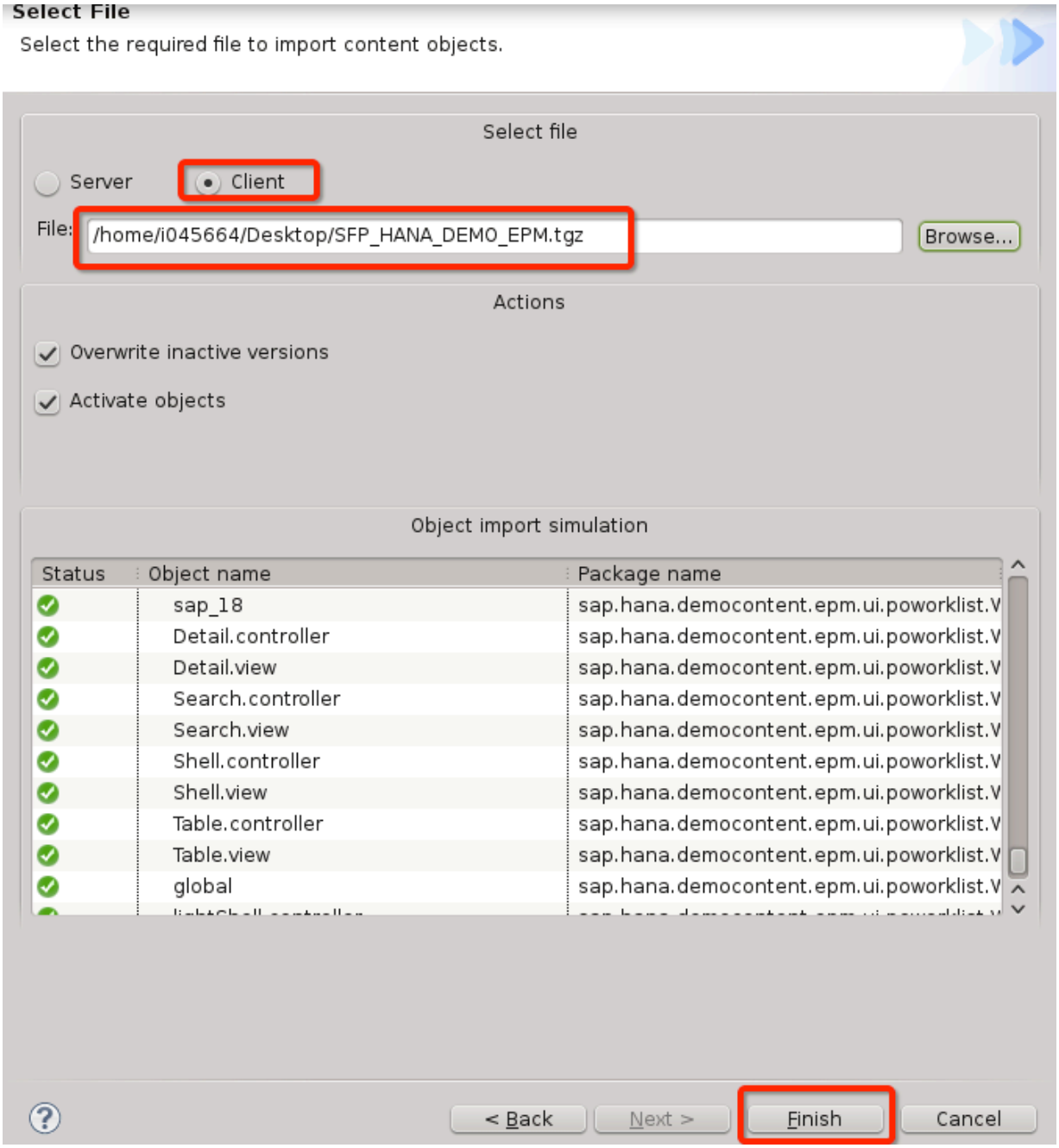
1. Now let's go ahead to import them into HANA system. Go to File→Import->Delivery Unit:



2. Click "**Next**", Select the target system you want to import and click the "Next" button.



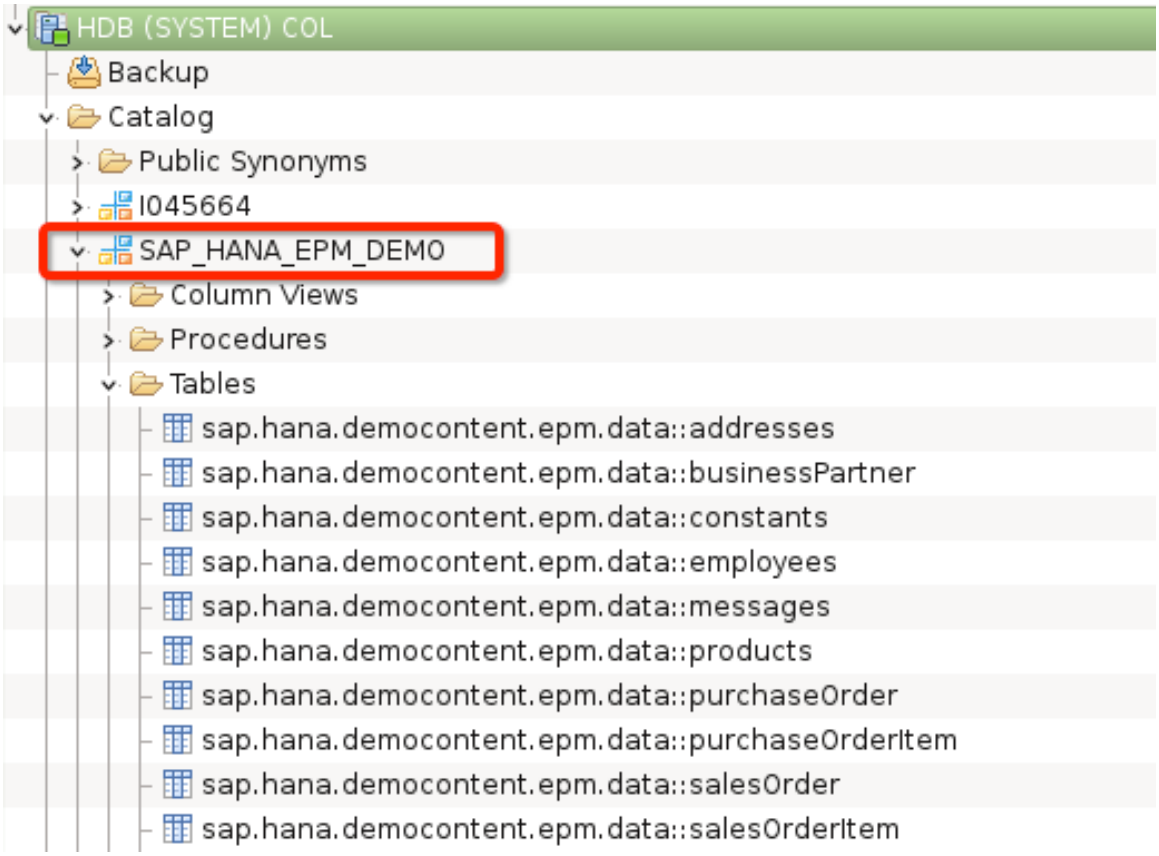
3. Click “Browse” and select the file **SFP_EPM_DATASET.tgz** from your client machine, leave everything as default and click the “**Finish**” button.



4. After the import, you are required to grant the access to your user before you can see the schema and the tables in the system. Run the statements below in the SQL Console, you need replace the 'SYSTEM' with your own user before executing it.
Source Code:

```
CALL GRANT_ACTIVATED_ROLE('sap.hana.democontent.epm.data::model_access', 'SYSTEM');
CALL GRANT_ACTIVATED_ROLE('sap.hana.democontent.epm.data::model_admin', 'SYSTEM');
```

5. After that, you can go to the HANA Studio menu **Help→Welcome→open Modeler→Delivery Units** and you will see the delivery unit has been there. You can also go the Catalog folder and see the schema **SAP_HANA_EPM_DEMO** should be there.

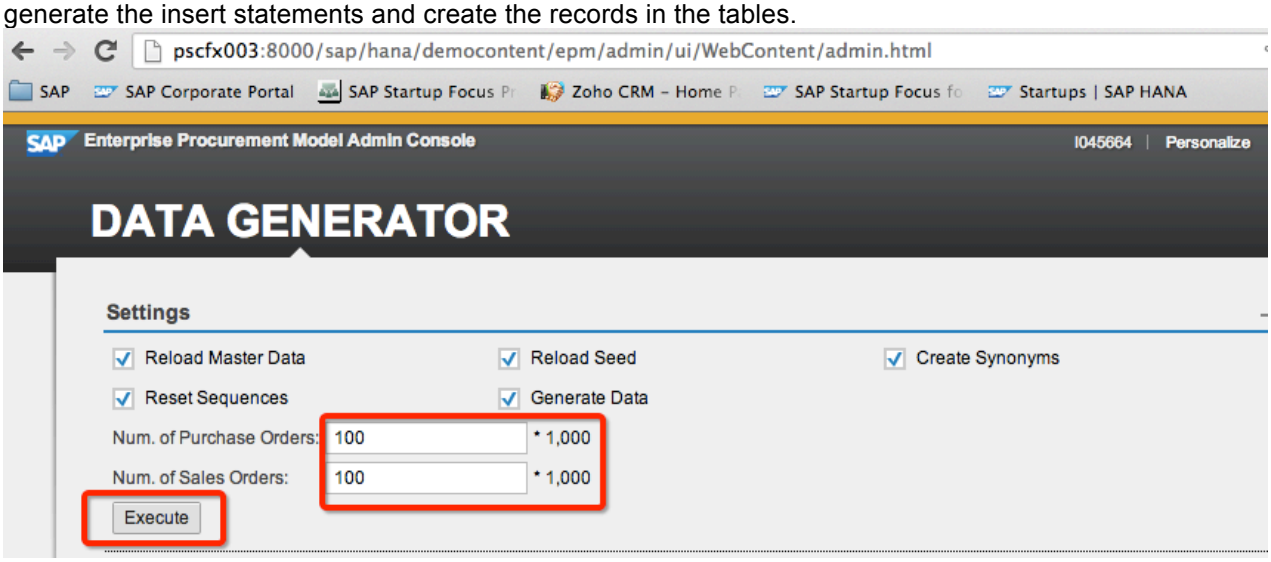


Generate the dataset

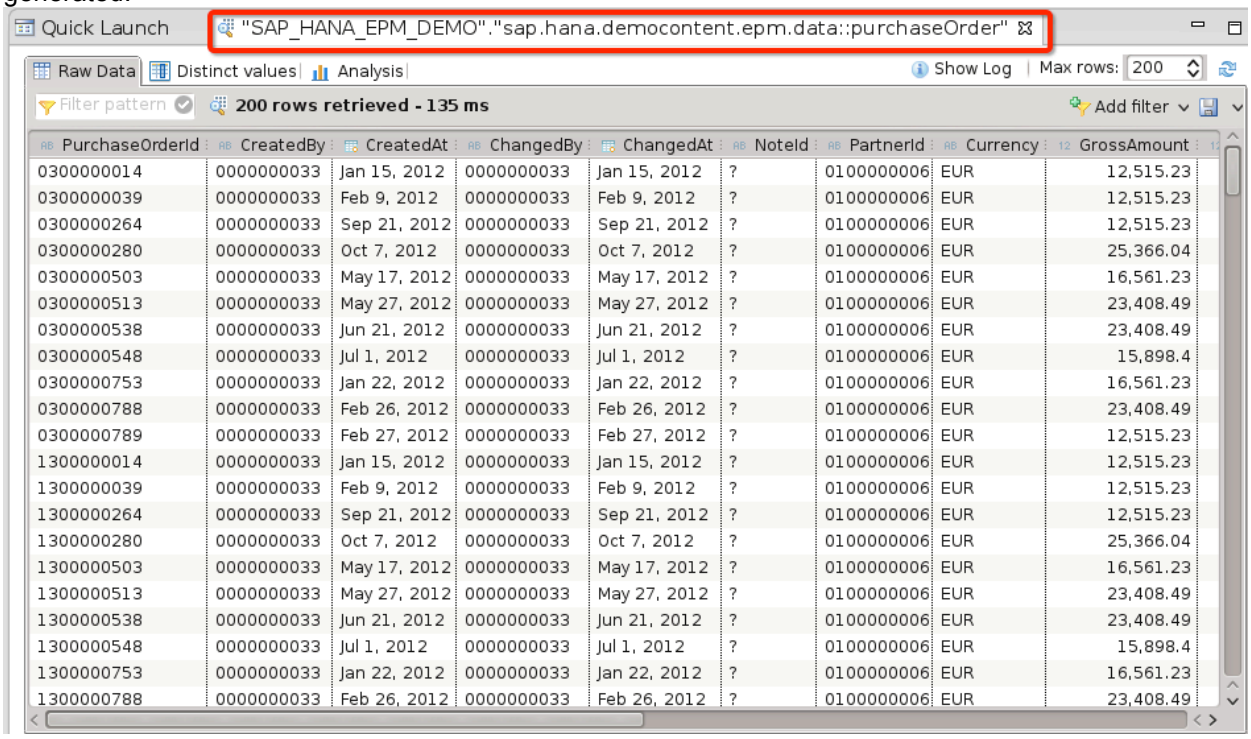
As we already have the admin tool ready by importing the delivery unit in the previous steps. We are going to use it to generate the dataset we are going to use for the other exercises like modelling, SQL Scripts.

1. Open the URL http://<host>:<port>/sap/hana/democontent/epm/admin/ui/WebContent/admin.html in your browser and logon with your HANA user and password. It is a HTML5 application that we recommend you to use Chrome to open it.

2. You will see the application like this, at least check the “Generate Data” flag, specify the number of purchase orders and sales orders you want to generate and click the “Execute” button. Inside the application, it will generate the insert statements and create the records in the tables.



3. Now you can go back to the tables and run the data preview and you will see the records have been generated.



PurchaseOrderId	CreatedBy	CreatedAt	ChangedBy	ChangedAt	NoteId	PartnerId	Currency	GrossAmount
0300000014	0000000033	Jan 15, 2012	0000000033	Jan 15, 2012	?	0100000006	EUR	12,515.23
0300000039	0000000033	Feb 9, 2012	0000000033	Feb 9, 2012	?	0100000006	EUR	12,515.23
0300000264	0000000033	Sep 21, 2012	0000000033	Sep 21, 2012	?	0100000006	EUR	12,515.23
0300000280	0000000033	Oct 7, 2012	0000000033	Oct 7, 2012	?	0100000006	EUR	25,366.04
0300000503	0000000033	May 17, 2012	0000000033	May 17, 2012	?	0100000006	EUR	16,561.23
0300000513	0000000033	May 27, 2012	0000000033	May 27, 2012	?	0100000006	EUR	23,408.49
0300000538	0000000033	Jun 21, 2012	0000000033	Jun 21, 2012	?	0100000006	EUR	23,408.49
0300000548	0000000033	Jul 1, 2012	0000000033	Jul 1, 2012	?	0100000006	EUR	15,898.4
0300000753	0000000033	Jan 22, 2012	0000000033	Jan 22, 2012	?	0100000006	EUR	16,561.23
0300000788	0000000033	Feb 26, 2012	0000000033	Feb 26, 2012	?	0100000006	EUR	23,408.49
0300000789	0000000033	Feb 27, 2012	0000000033	Feb 27, 2012	?	0100000006	EUR	12,515.23
1300000014	0000000033	Jan 15, 2012	0000000033	Jan 15, 2012	?	0100000006	EUR	12,515.23
1300000039	0000000033	Feb 9, 2012	0000000033	Feb 9, 2012	?	0100000006	EUR	12,515.23
1300000264	0000000033	Sep 21, 2012	0000000033	Sep 21, 2012	?	0100000006	EUR	12,515.23
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1300000503	0000000033	May 17, 2012	0000000033	May 17, 2012	?	0100000006	EUR	16,561.23
1300000513	0000000033	May 27, 2012	0000000033	May 27, 2012	?	0100000006	EUR	23,408.49
1300000538	0000000033	Jun 21, 2012	0000000033	Jun 21, 2012	?	0100000006	EUR	23,408.49
1300000548	0000000033	Jul 1, 2012	0000000033	Jul 1, 2012	?	0100000006	EUR	15,898.4
1300000753	0000000033	Jan 22, 2012	0000000033	Jan 22, 2012	?	0100000006	EUR	16,561.23
1300000788	0000000033	Feb 26, 2012	0000000033	Feb 26, 2012	?	0100000006	EUR	23,408.49

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