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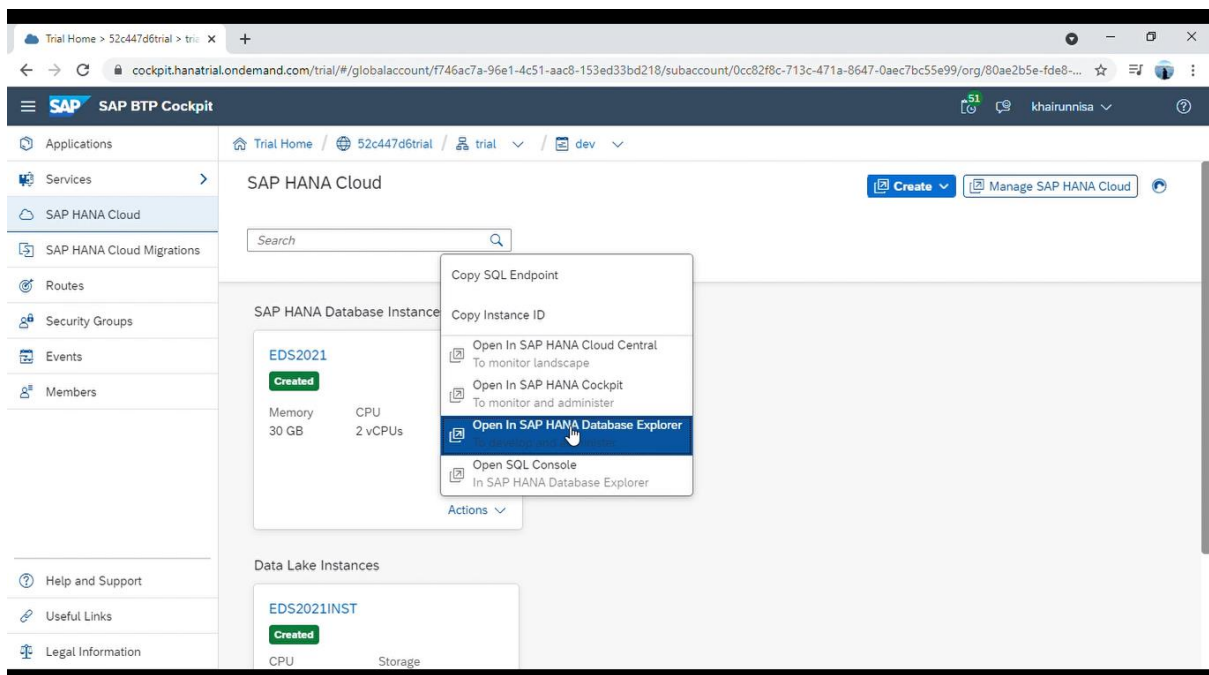
Kom : A

UJIAN TENGAH SEMESTER

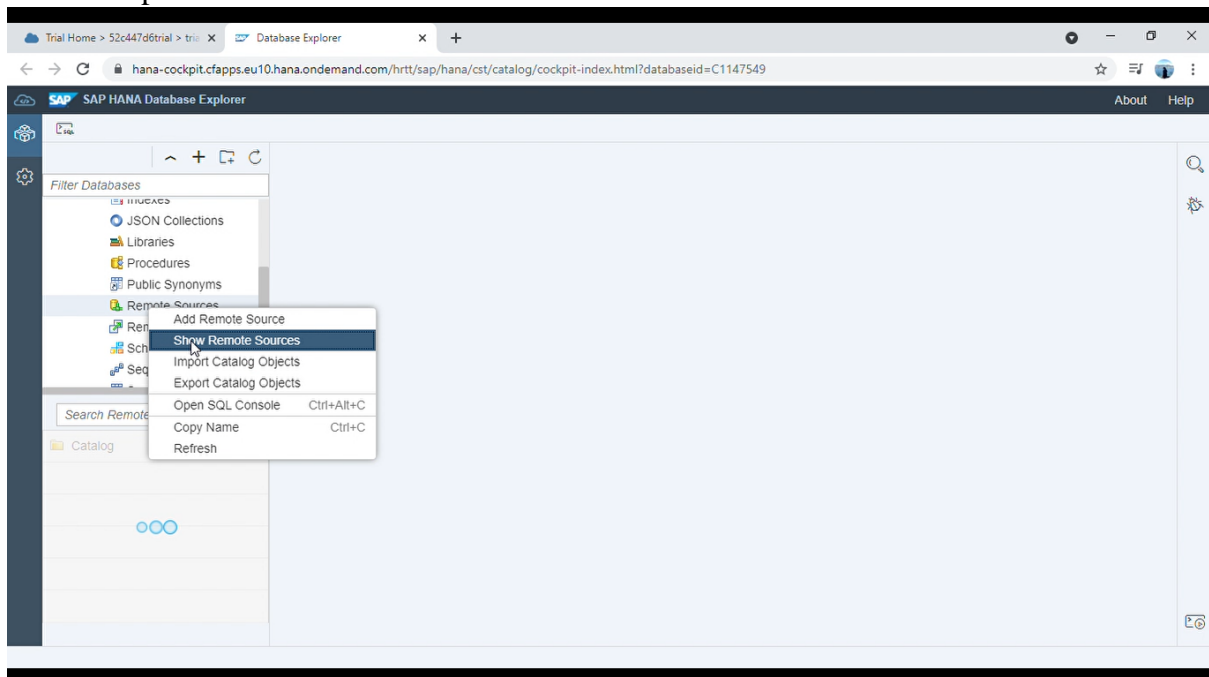
ENTERPRISE DEVELOPMENT SOFTWARE

LAPORAN

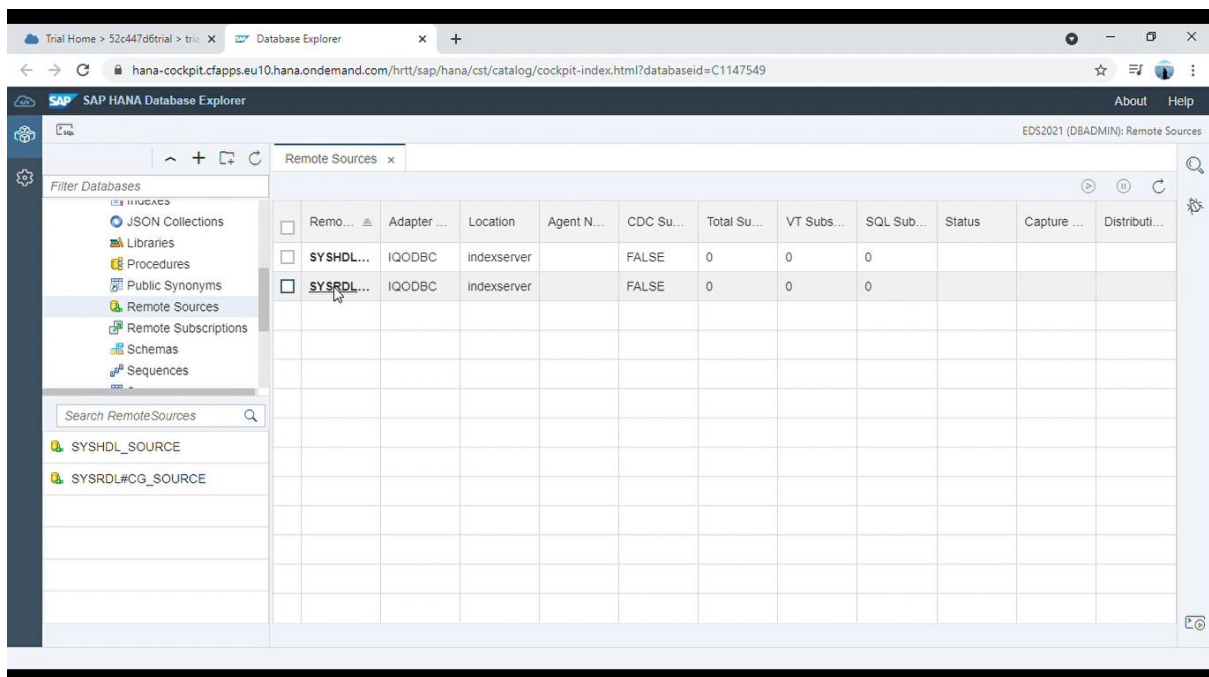
Pertama kita buka SAP HANA Cloud dan login ke akun yang sudah dibuat sebelumnya. Kemudian klik **option** yang ada pada bagian instance yang sudah dibuat sebelumnya lalu klik **Open in SAP HANA Database Explorer**



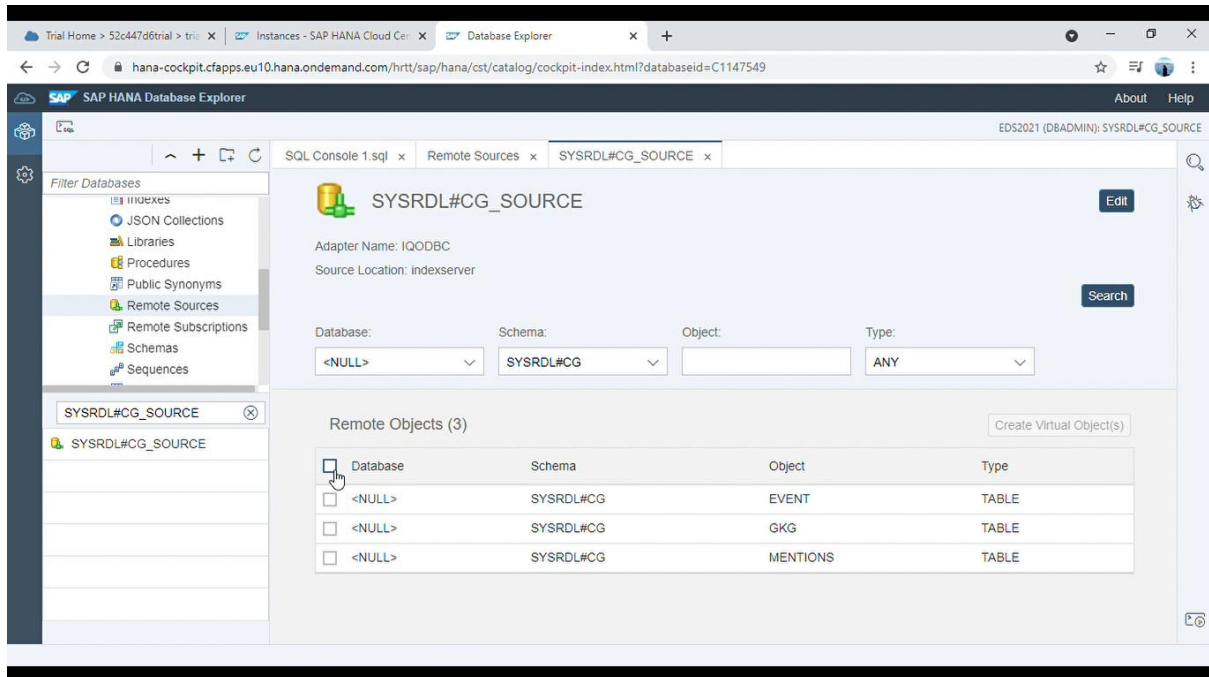
Setelah tampilan sudah berpindah ke tampilan seperti dibawah ini langsung scrool ke bawah kemudian pilih **Remote Source** -> **klik kanan** -> **Show remote Source**



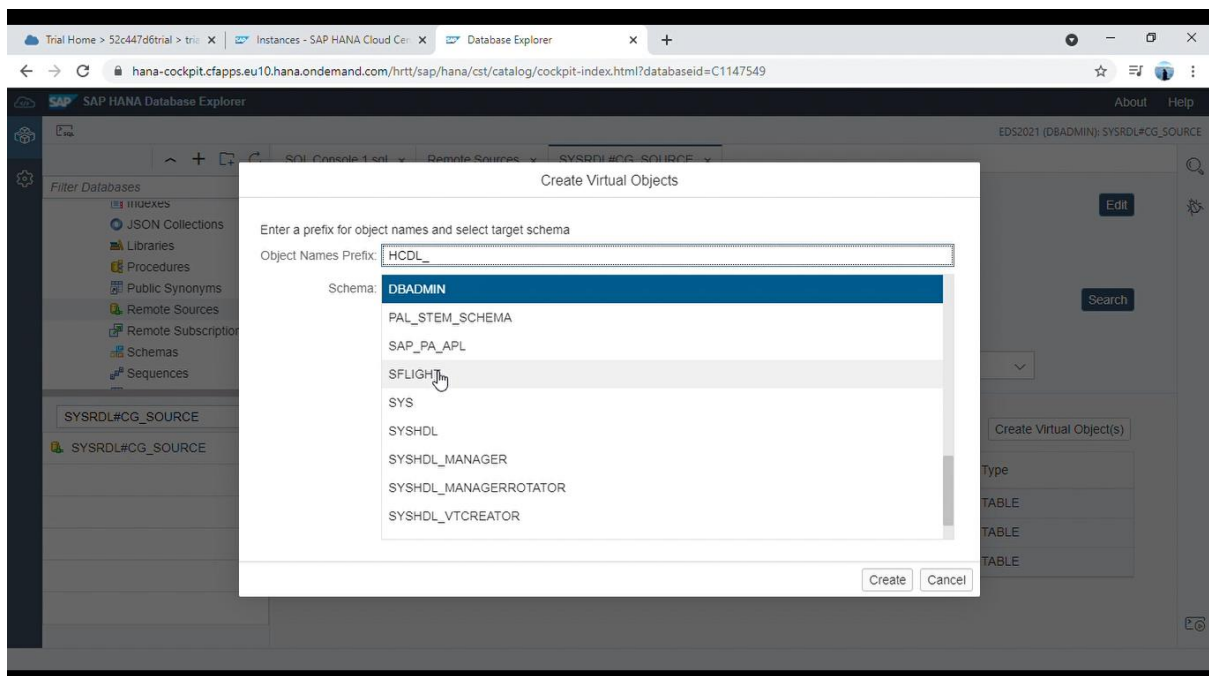
Kemudian akan muncul tampilan seperti dibawah ini lalu klik **SYSRDL#CG_SOURCE**



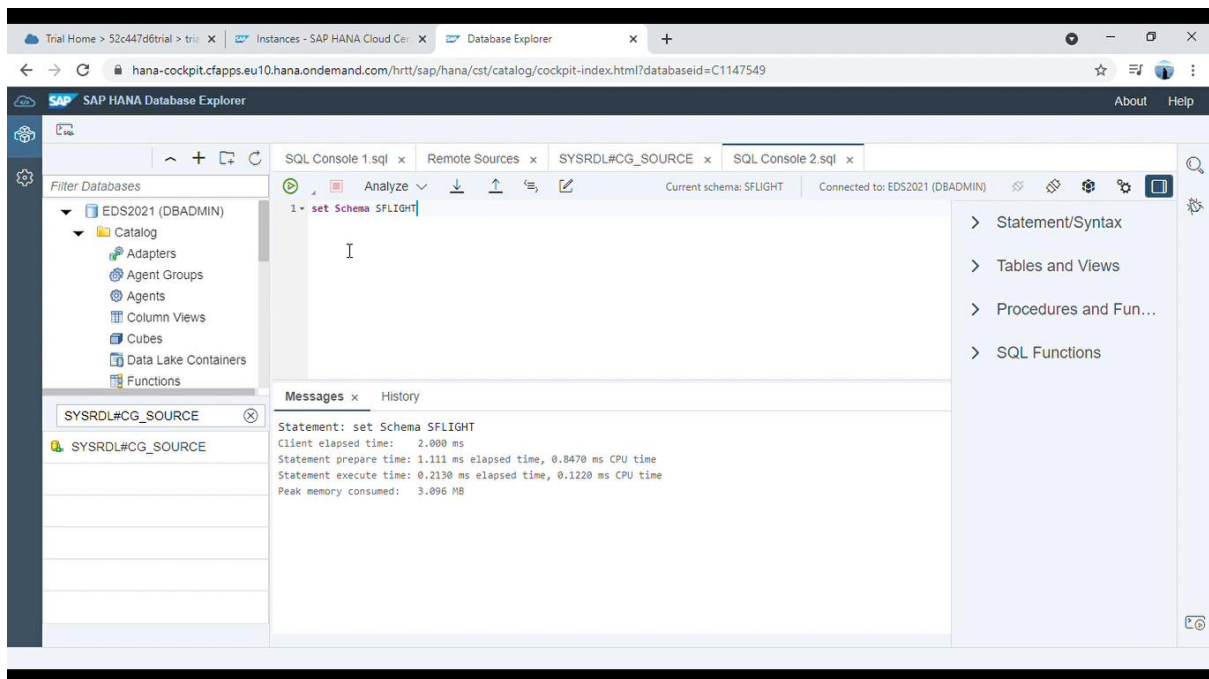
Setelah itu akan muncul tampilan seperti dibawah ini lalu pilih **option Schema > SYSRDL#CG** lalu klik **Search** yang ada diujung kanan atas, kemudian centang semua **Remote Objects Database** dibawah kemudian klik **Create Virtual Object** yang ada di ujung kanan database



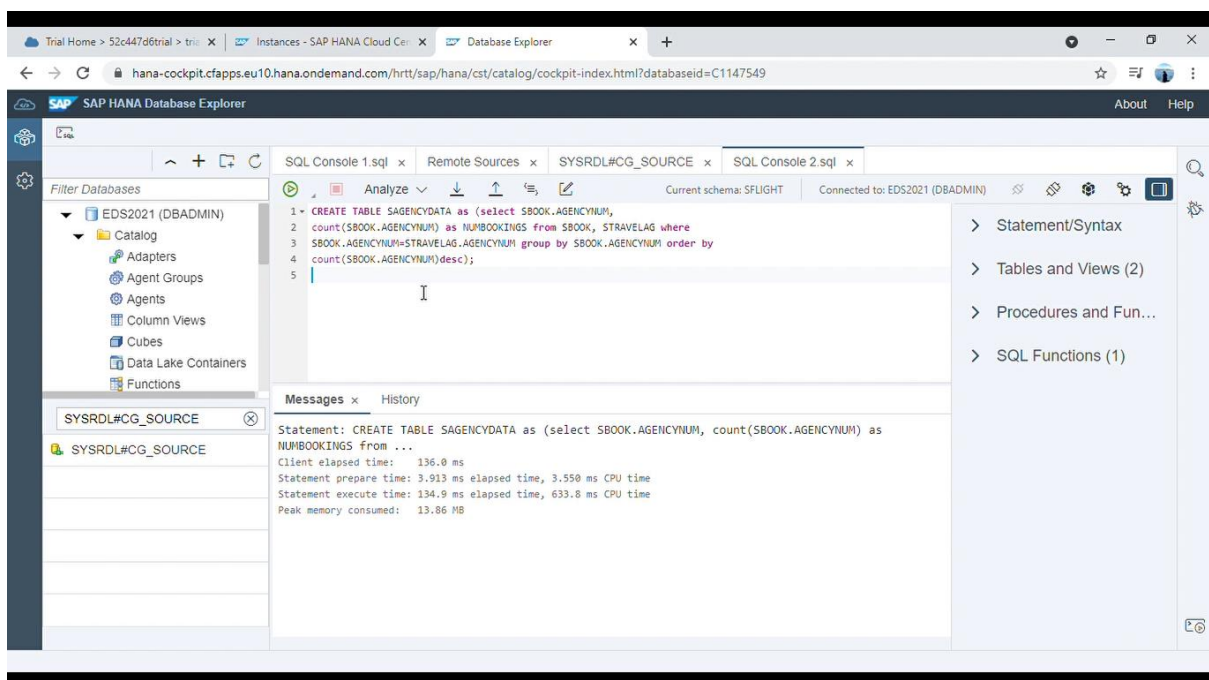
Setelah itu akan muncul tampilan seperti ini. Disini **tulis Object Names Prefix HDCL_** kemudian pilih **SFLIGHT** lalu **Create**



Setelah itu arahkan cursor ke pojok kiri atas kemudian klik **Console** lalu **ketik Set schema SFLIGHT** lalu **Run** dan akan muncul hasil nya seperti gambar dibawah ini



Kemudian hapus query set schema lalu **Create table SAGENCYDATA** kemudian **Run** dan akan muncul hasil nya seperti yang ada pada gambar dibawah ini



Setelah itu pilih Top 5 data dari table SAGENCYDATA

The screenshot shows the SAP HANA Database Explorer interface. The left sidebar displays the database catalog with 'SYSRDL#CG_SOURCE' selected. The main pane shows a SQL console with the following query:

```
1 - SELECT TOP 5 SAGENCYDATA.AGENCYNUM,  
2 STRAVELAG.NAME,SAGENCYDATA.NUMBOOKINGS from SAGENCYDATA INNER JOIN  
3 STRAVELAG on SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM;  
4
```

The 'Result' tab shows the following data:

	AGENCYNUM	NAME	NUMBOOKINGS
1	00000284	Rainy, Stormy, Cloudy	27870
2	00000122	Fly Low	27869
3	00000109	Kangeroos	27867
4	00000101	Bella Italia	27866
5	00000118	Asia By Plane	27416

Kemudian Create Table STOPAGENCY

The screenshot shows the SAP HANA Database Explorer interface after executing a SQL statement. The 'Messages' tab displays the following information:

```
Statement: CREATE TABLE STOPAGENCY as (select top 5 SAGENCYDATA.AGENCYNUM, ...  
Client elapsed time: 30.00 ms  
Statement prepare time: 3.704 ms elapsed time, 3.207 ms CPU time  
Statement execute time: 27.68 ms elapsed time, 25.78 ms CPU time  
Peak memory consumed: 6.284 MB
```

Kemudian Create table SAGBOOKDAYS

The screenshot shows the SAP HANA Database Explorer interface. The left sidebar displays the database catalog with 'SYSRDL#CG_SOURCE' selected. The main SQL Console area shows the following SQL statement:

```
1 CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as  
2 ORDERDAY, count(dayname(ORDER_DATE)) as DAYCOUNT from SBOOK group by  
3 AGENCYNUM, dayname(ORDER_DATE));
```

The 'Messages' tab at the bottom displays the execution results:

```
Statement: CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY, ...  
Client elapsed time: 267.0 ms  
Statement prepare time: 3.819 ms elapsed time, 3.379 ms CPU time  
Statement execute time: 265.0 ms elapsed time, 2.080 s CPU time  
Peak memory consumed: 21.57 MB
```

Kemudian Select beberapa data yang ingin di tampilkan dari **table Sagbookdays** misalnya data AGENCYNUM, NAME, ORDERDAY, dan DAYCOUNT

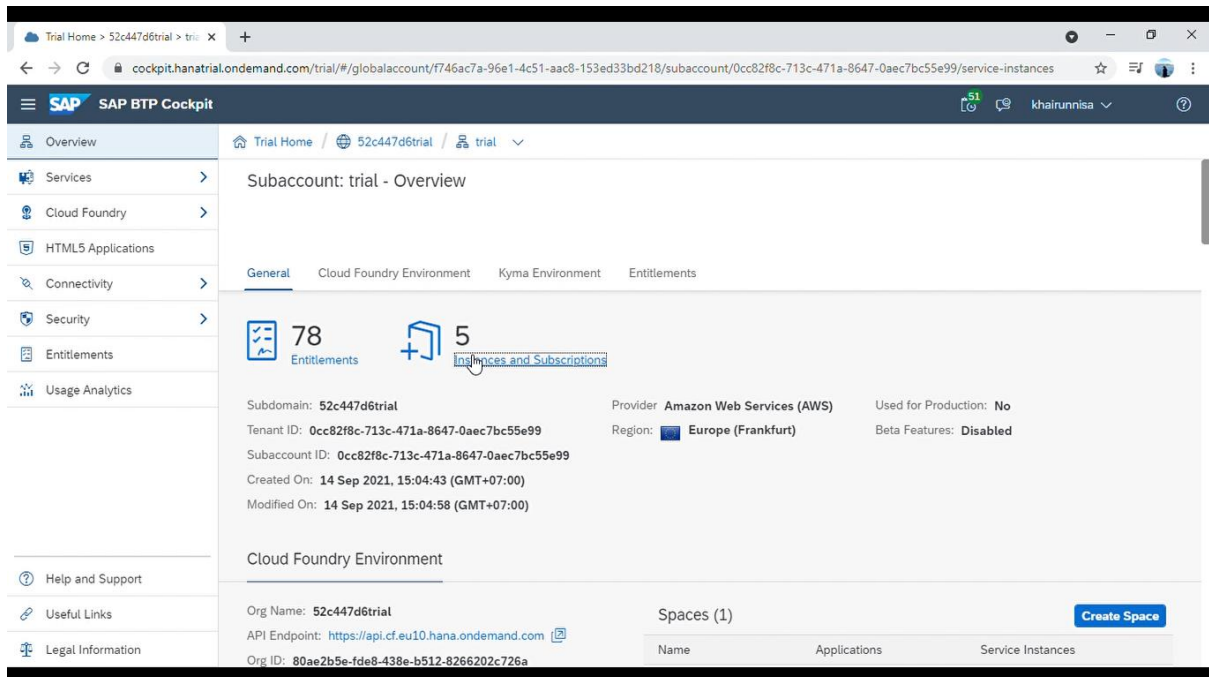
The screenshot shows the SAP HANA Database Explorer interface with the following SQL statement in the console:

```
1 SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY,  
2 SAGBOOKDAYS.DAYCOUNT from SAGBOOKDAYS INNER JOIN STOPAGENCY on  
3 SAGBOOKDAYS.AGENCYNUM=STOPAGENCY.AGENCYNUM where SAGBOOKDAYS.DAYCOUNT in  
4 (select max(DAYCOUNT) from SAGBOOKDAYS group by AGENCYNUM);
```

The 'Result' tab at the bottom displays the following data:

AGENCYNUM	NAME	ORDERDAY	DAYCOUNT
00000122	Fly Low	THURSDAY	4037
00000109	Kangeroos	THURSDAY	4095
00000101	Bella Italia	THURSDAY	4038
00000118	Asia By Plane	TUESDAY	4004
00000284	Rainy, Stormy, Cloudy	MONDAY	4108

Setelah itu Kembali ke Dashboard Trial pada SAP HANA Cloud. Disini kita akan meng-Create Instance and Subscription dengan cara klik **Instance and Subscription**



The screenshot shows the SAP BTP Cockpit interface for a subaccount named 'trial'. The left sidebar contains navigation links: Overview, Services, Cloud Foundry, HTML5 Applications, Connectivity, Security, Entitlements, Usage Analytics, Help and Support, Useful Links, and Legal Information. The main content area is titled 'Subaccount: trial - Overview' and includes tabs for General, Cloud Foundry Environment, Kyma Environment, and Entitlements. The 'General' tab is active, displaying key information: 78 Entitlements and 5 Instances and Subscriptions. Below this, details for the subaccount are listed, including Subdomain, Tenant ID, Subaccount ID, Created On, and Modified On. The provider is Amazon Web Services (AWS) in the Europe (Frankfurt) region. A 'Cloud Foundry Environment' section shows the Org Name, API Endpoint, and Org ID. A 'Spaces (1)' section includes a 'Create Space' button and a table with columns for Name, Applications, and Service Instances.

Subaccount: trial - Overview

General Cloud Foundry Environment Kyma Environment Entitlements

78 Entitlements 5 Instances and Subscriptions

Subdomain: 52c447d6trial Tenant ID: 0cc82f8c-713c-471a-8647-0aec7bc55e99 Subaccount ID: 0cc82f8c-713c-471a-8647-0aec7bc55e99 Created On: 14 Sep 2021, 15:04:43 (GMT+07:00) Modified On: 14 Sep 2021, 15:04:58 (GMT+07:00)

Provider: Amazon Web Services (AWS) Region: Europe (Frankfurt) Used for Production: No Beta Features: Disabled

Cloud Foundry Environment

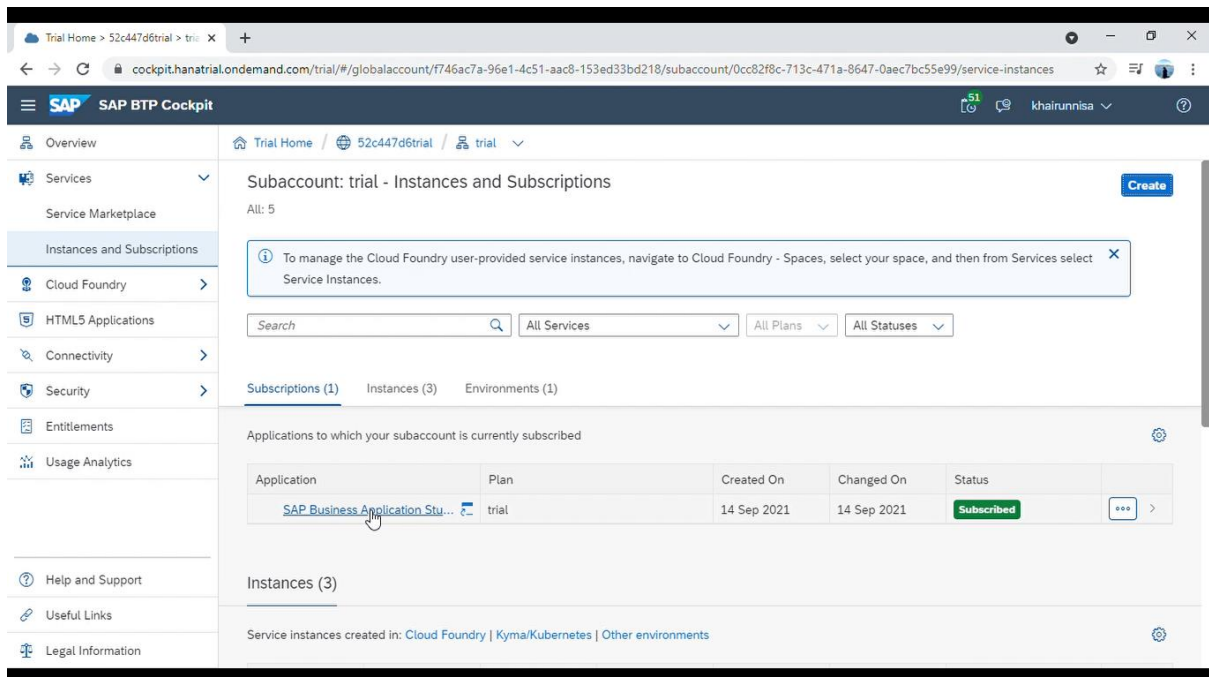
Org Name: 52c447d6trial API Endpoint: https://api.cf.eu10.hana.ondemand.com Org ID: 80ae2b5e-fde8-438e-b512-826620c726a

Spaces (1)

Name	Applications	Service Instances
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Create Space

Kemudian klik **SAP Bussiness Application**



The screenshot shows the 'Instances and Subscriptions' page for the 'trial' subaccount. The left sidebar is the same as the previous screenshot. The main content area is titled 'Subaccount: trial - Instances and Subscriptions' and includes a 'Create' button. A message box states: 'To manage the Cloud Foundry user-provided service instances, navigate to Cloud Foundry - Spaces, select your space, and then from Services select Service Instances.' Below this, there are filters for Search, All Services, All Plans, and All Statuses. The 'Subscriptions (1)' tab is active, showing a table of applications to which the subaccount is currently subscribed. The table has columns for Application, Plan, Created On, Changed On, Status, and a menu icon. One application is listed: 'SAP Business Application Studio' with plan 'trial', created on 14 Sep 2021, changed on 14 Sep 2021, and status 'Subscribed'. The 'Instances (3)' tab is also visible, showing a link to 'Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments'.

Subaccount: trial - Instances and Subscriptions

All: 5

To manage the Cloud Foundry user-provided service instances, navigate to Cloud Foundry - Spaces, select your space, and then from Services select Service Instances.

Search All Services All Plans All Statuses

Subscriptions (1) Instances (3) Environments (1)

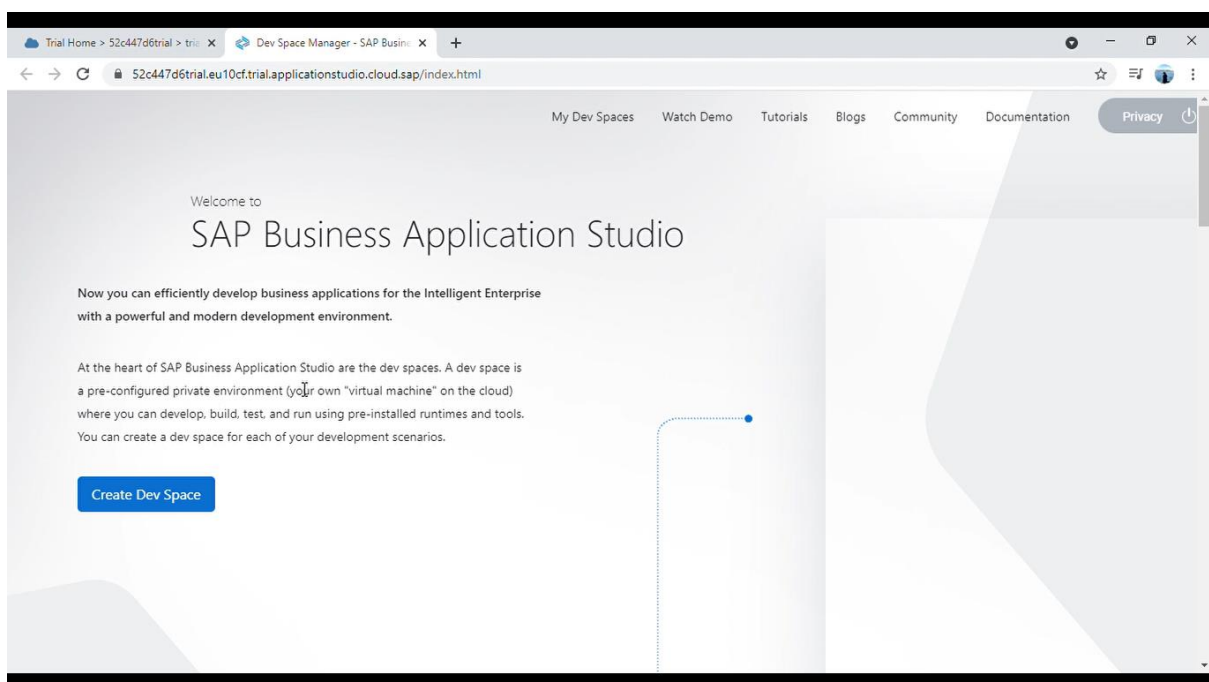
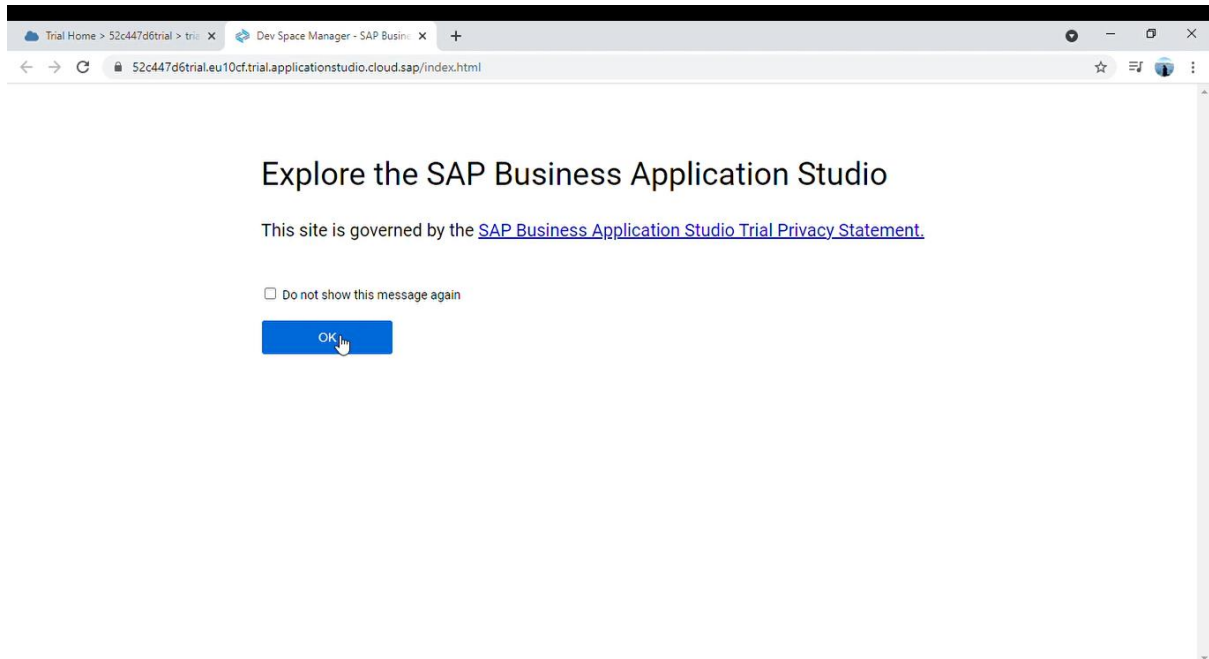
Applications to which your subaccount is currently subscribed

Application	Plan	Created On	Changed On	Status	
SAP Business Application Studio	trial	14 Sep 2021	14 Sep 2021	Subscribed	*** >

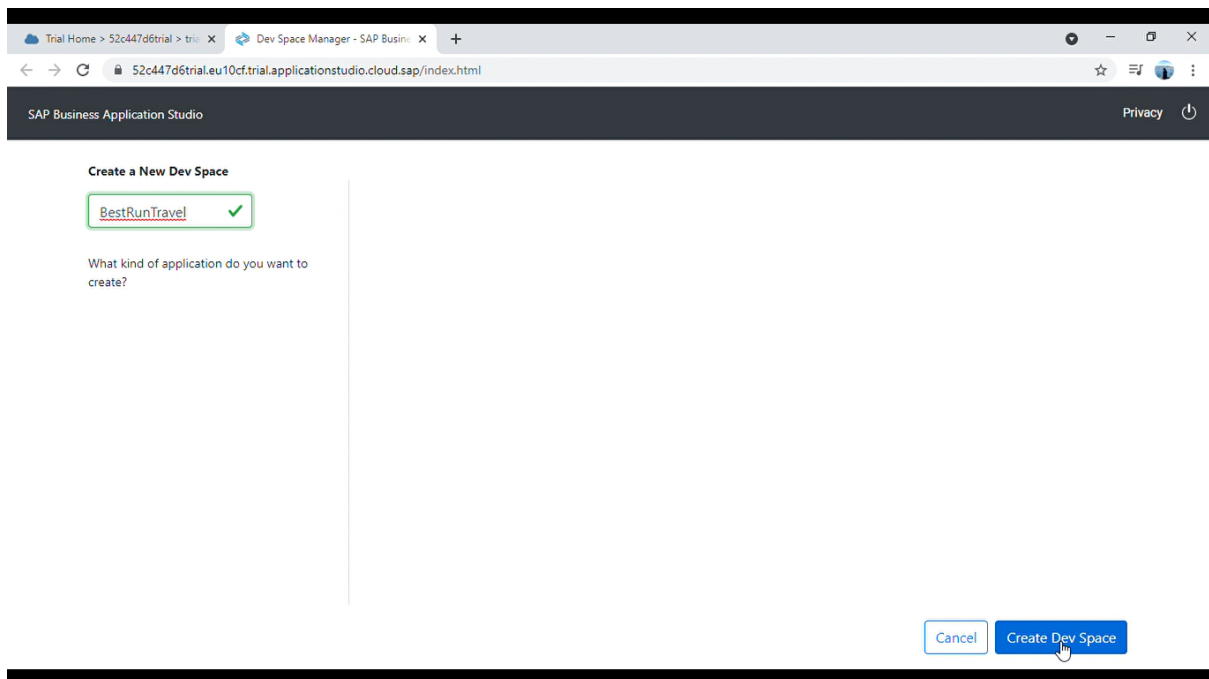
Instances (3)

Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments

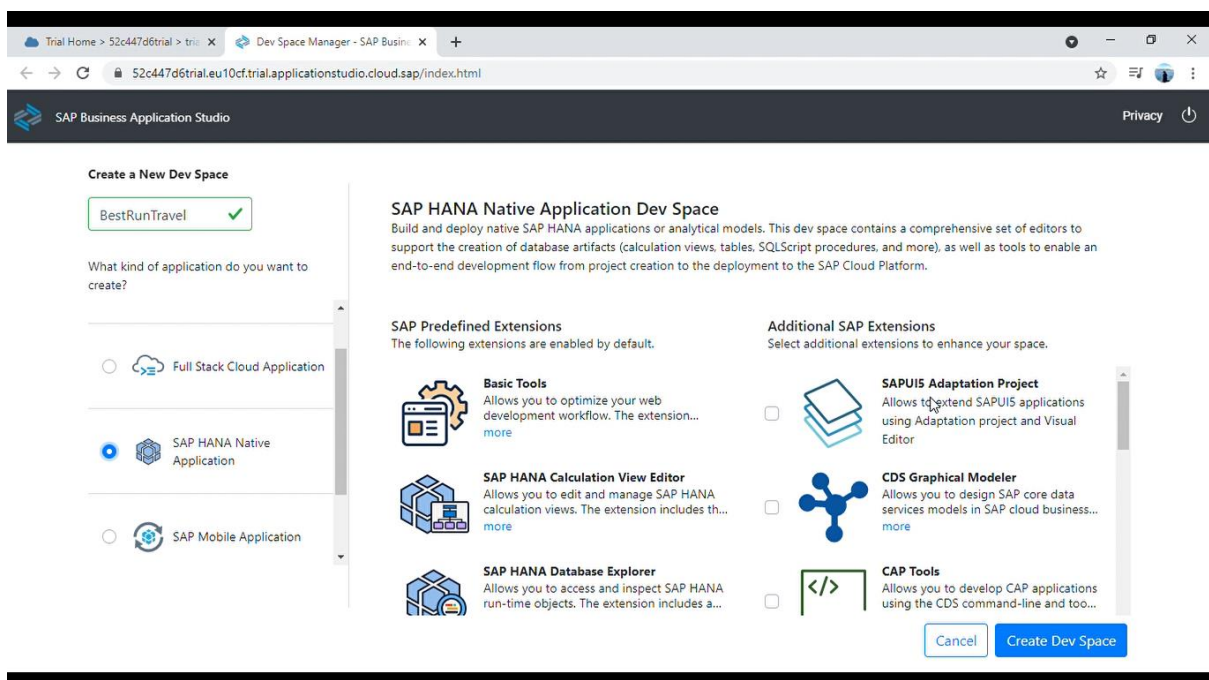
Kemudian klik OK

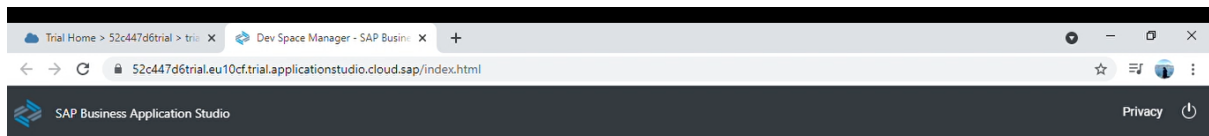


Kemudian **Create a New Dev Space** dengan memberi nama **BestRunTravel** lalu **Create Dev Space**



Kemudian akan muncul tampilan seperti dibawah ini lalu pilih type Application yang ingin kita buat, disini pilih **SAP HANA Native Application** kemudian **Create Dev Space**

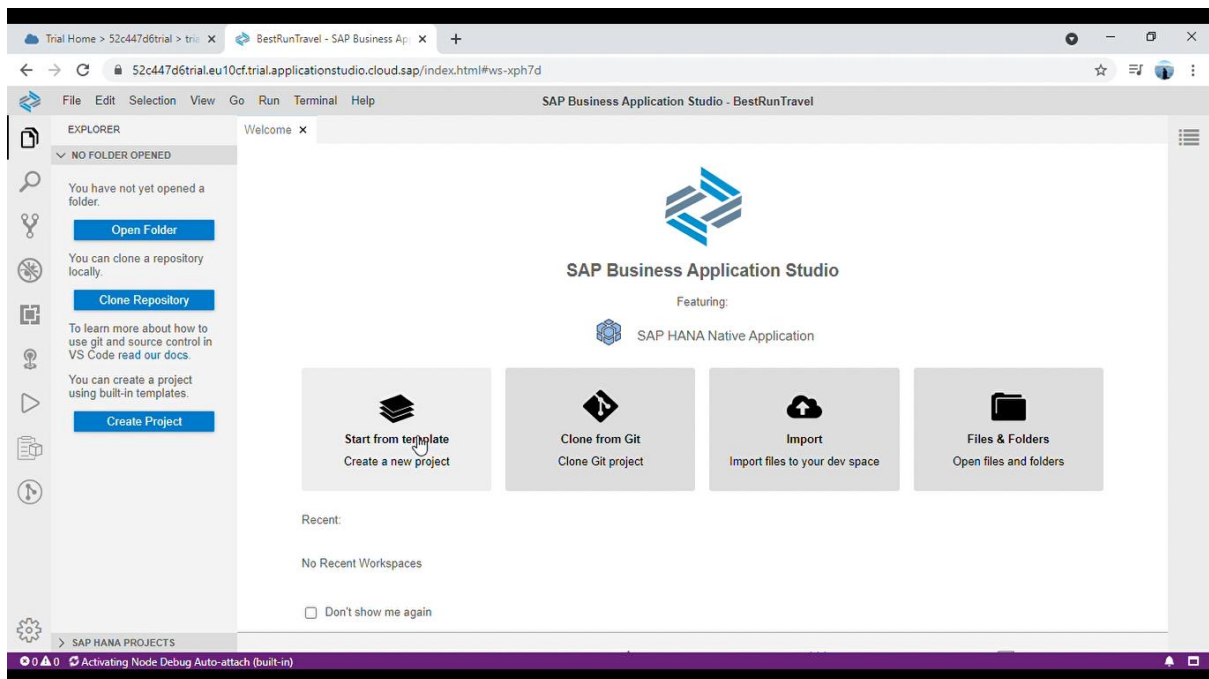




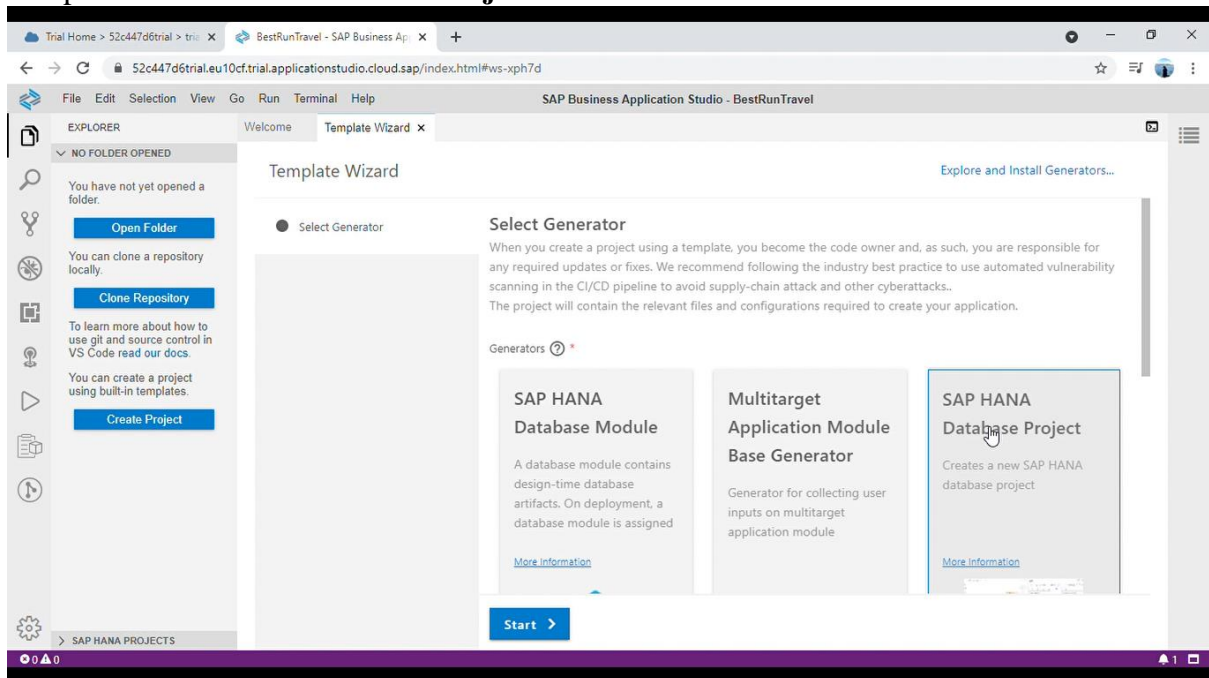
setelah meng-CREATE Dev Space tunggu beberapa saat hingga prosesnya berubah status menjadi **Running** setelah itu langsung saja klik Dev Space yang sudah kita buat sebelumnya



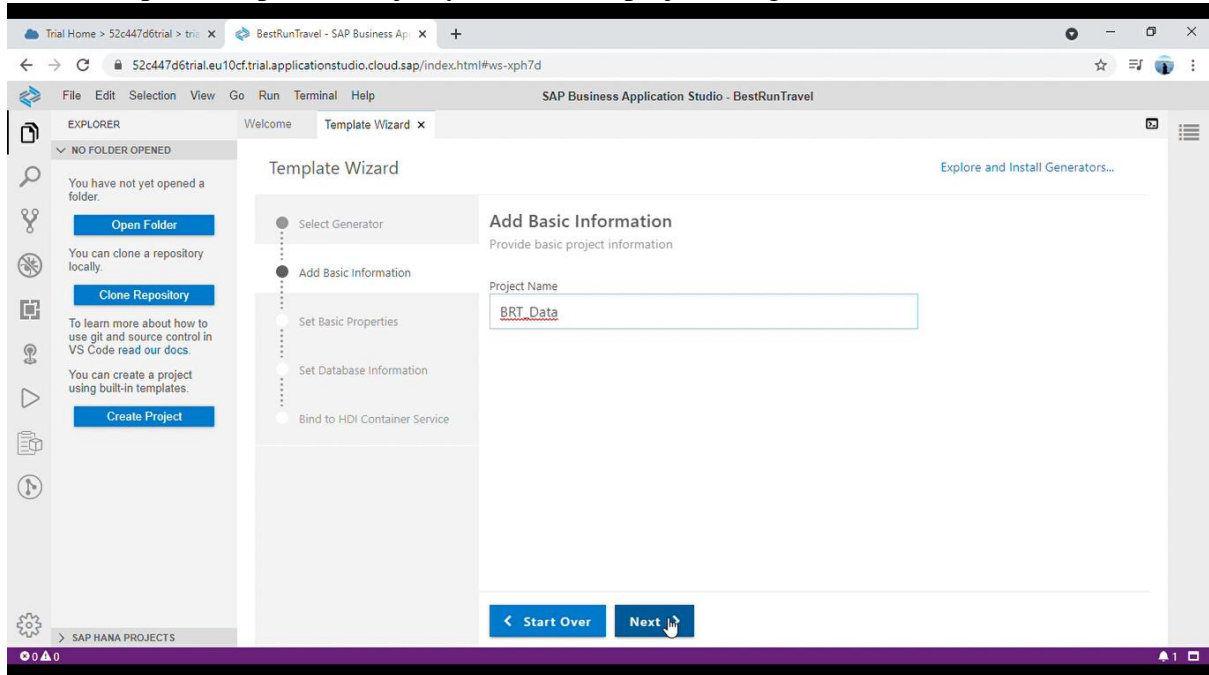
Kemudian kita akan dialihkan ke tampilan seperti dibawah ini. Lalu klik **Start from template**



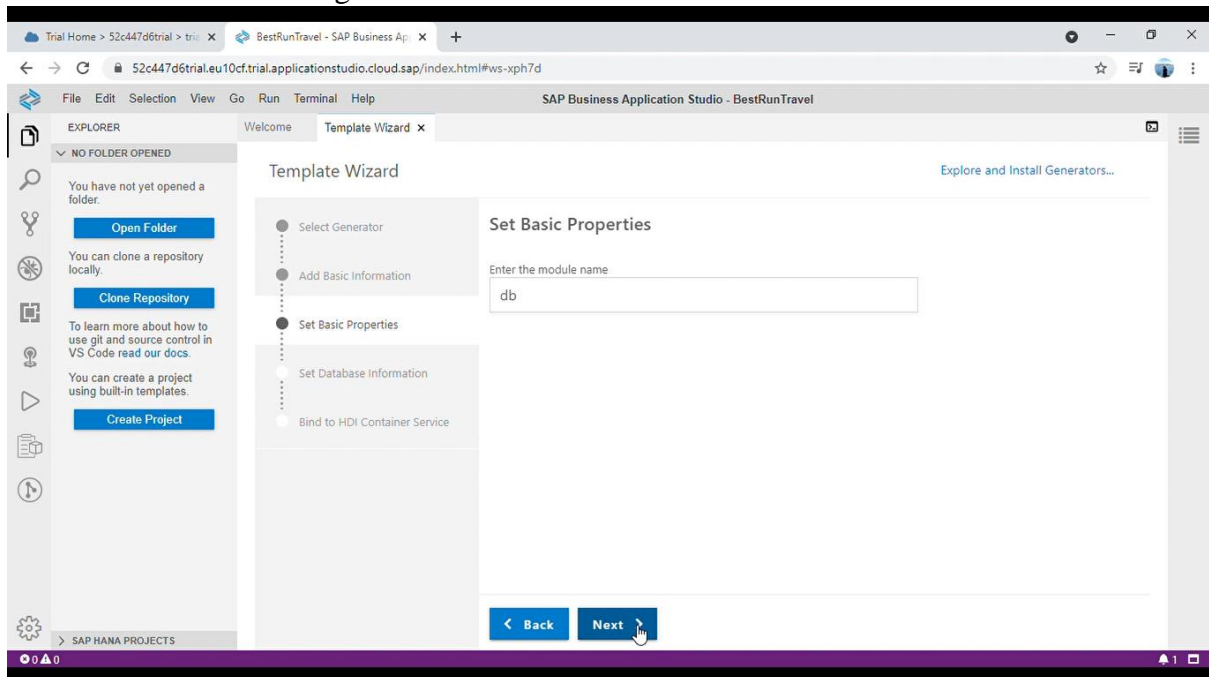
lalu pilih **SAP HANA Database Project** lalu **Start**

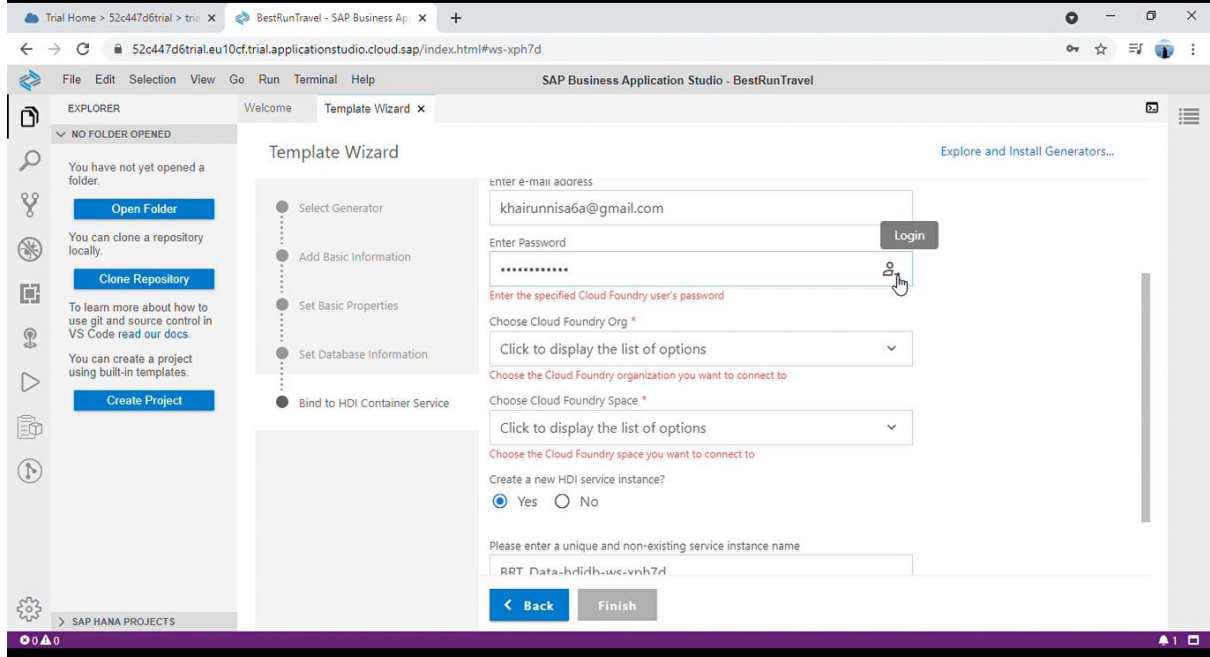
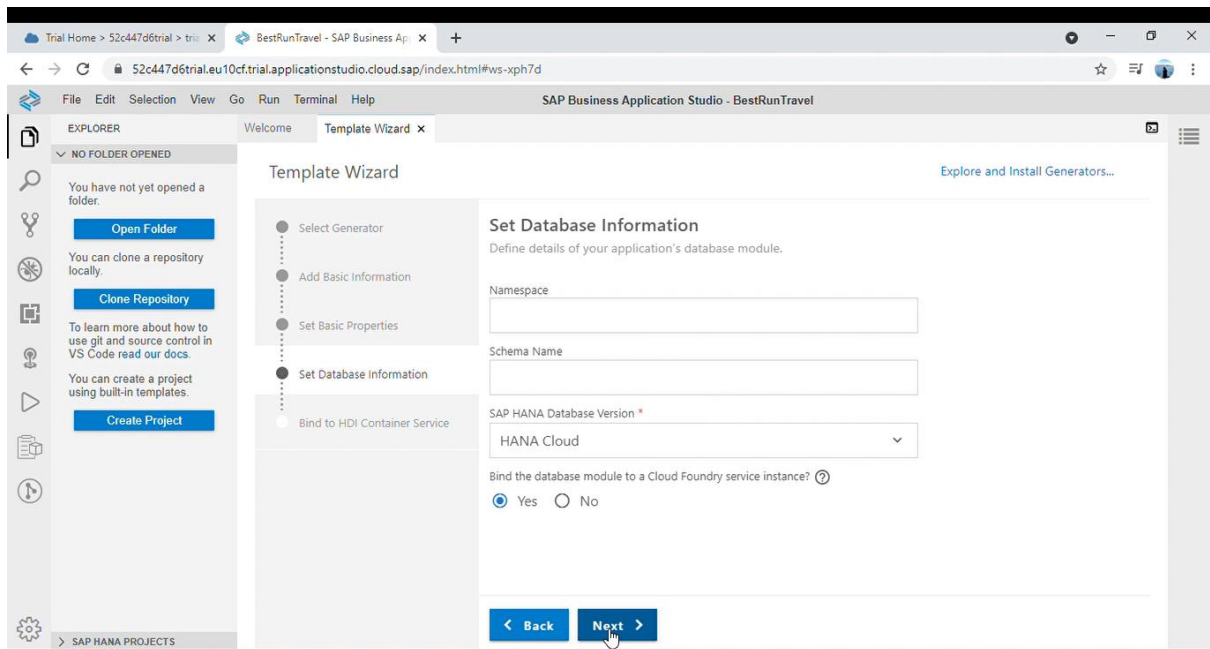


kemudian pada tampilan selanjutnya buat nama project dengan BRT_Data



lalu set nama module dengan db





setelah semua kolom data sudah diisi langsung saja klik Finish

