

Close Loop Scenario: Live Data Connection



Global Company

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Data Connection

Design a fully integrated analytic application in SAP analytics cloud which shows the bookings for all the flights.

All will be on LIVE data connection (Storage and Model & Security – Source system)

- A Chart showing date wise occupied and booked seats in flight.
- The total bookings, occupied seats in number chart by clicking on a chart item.
- We will also show price for the flight selected.

We need to provide 2 buttons on screen

1) Book

2) Cancel

- **Book** – We need to book a flight, we need to call our SAP system to POST data in DB table and update DB of SAP BW system/S/4HANA System.
- **Cancel** – We will cancel one booking for that day which is selected by user.

Requirement 1: Establish Live Data Connection.



New BW Live Connection

Connection Details

Connection Type
Direct

*Host: stcfin.st.com *HTTPS Port: 44321

☐ Additional components or configuration may be required for this connection type. See our [Help Center](#) to find out what's required.

*Client: 800

Default Language: EN

Authentication Method: User Name and Password

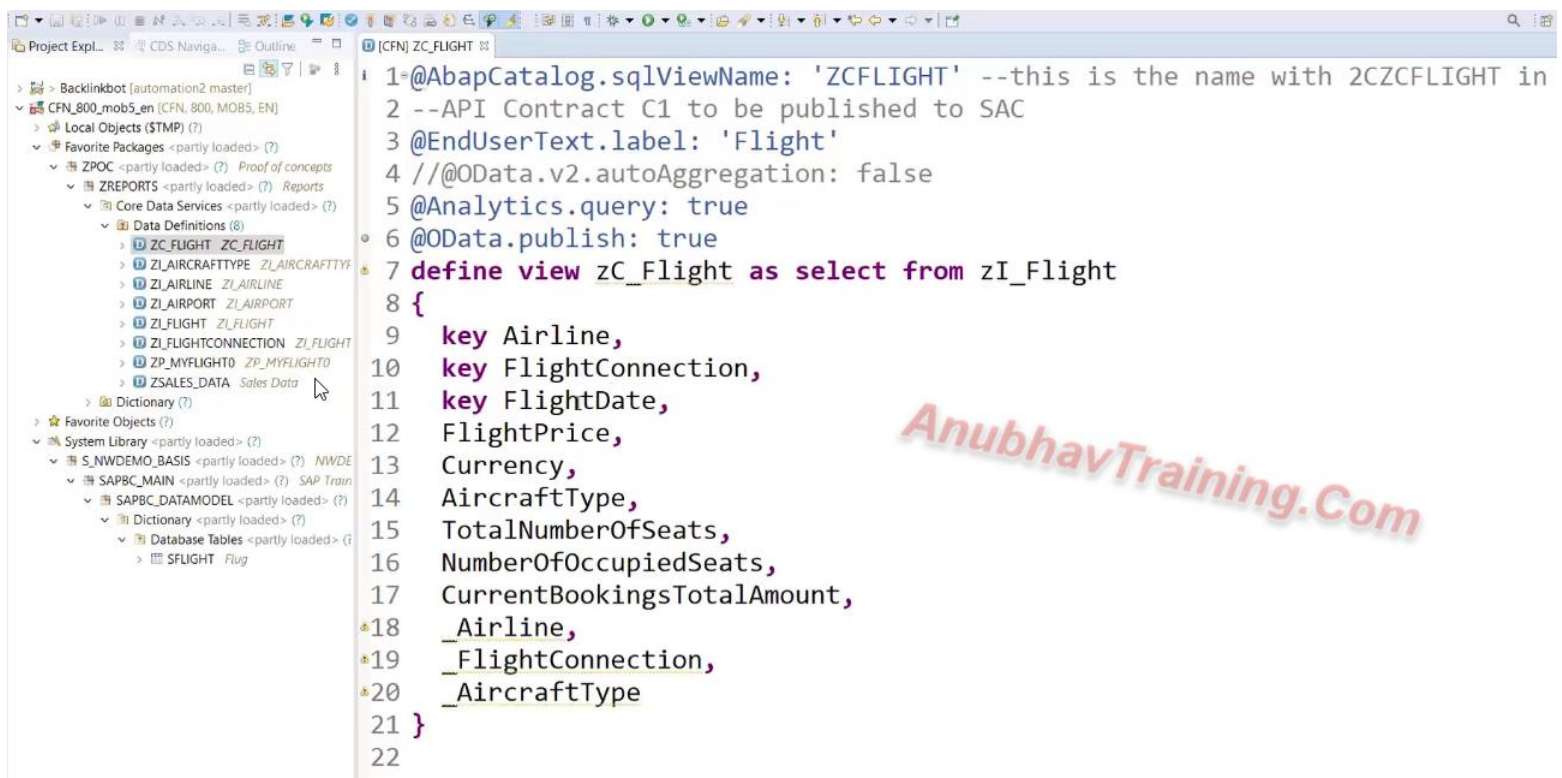
*User Name: mob5

*Password: *****

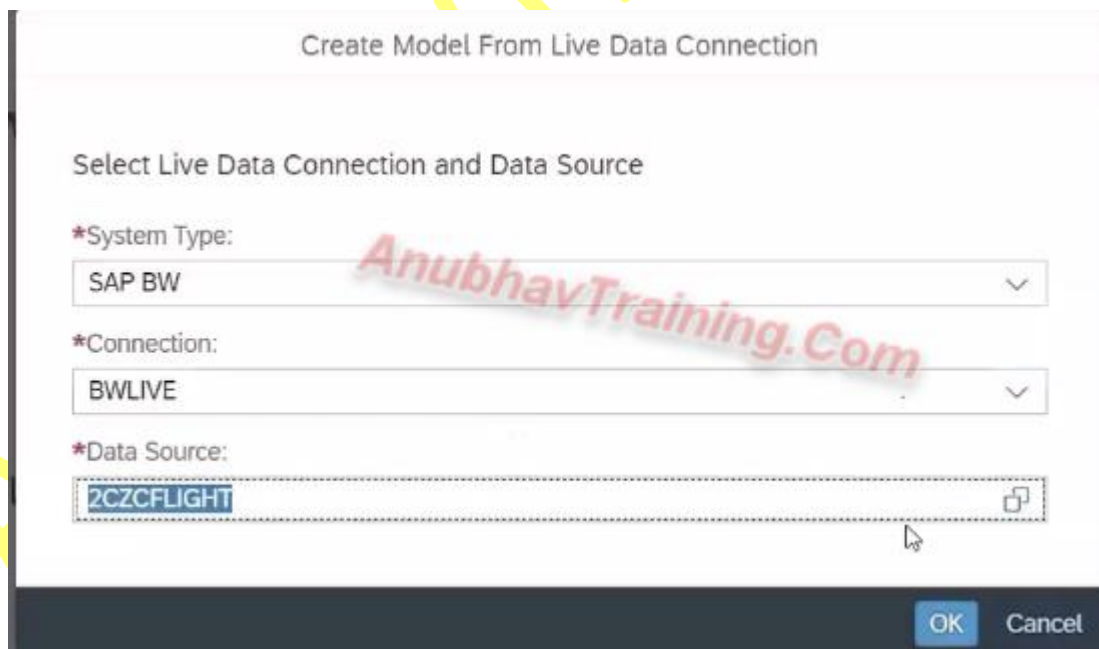
OK Cancel

Requirement 2: Create Data Models (VDM) using CDS Views.

- Expose the Data as OData Service.
- Register OData Service in SAP System.



Requirement 3: Create Data Model on top of CDS Views.



All Dimensions

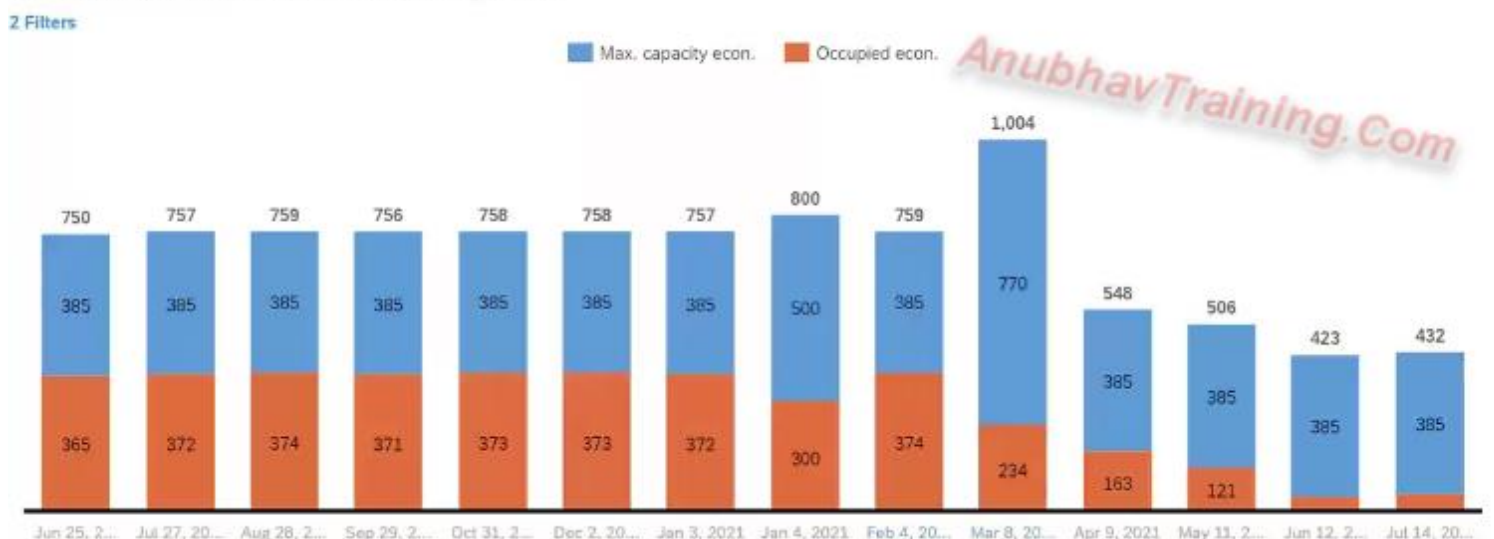
ID	Description	Group
2CZIAIRCRAFTTYPE	Plane Type	
2CZIAIRLINE	Airline	
2CZIFLIGHTCURRENCY	Airline Currency	
2CZIFLIGHT-FLIGHTDATE	Flight Date	
2CZIFLIGHTCONN	Connection Number	

All Measures

ID	Description	Scale	Decimal PL...	fx Formula
1 ELTUIDCMP1	Airfare		2	
2 ELTUIDCMP2	Max. capacity econ.		0	
3 ELTUIDCMP3	Occupied econ.		0	
4 ELTUIDCMP4	Booking total		2	

Requirement 4: Create a new Stack Chart.

Max. capacity econ., Occupied econ. per Flight Date



Requirement 5: Add 3 Numeric Chart.



Requirement 6: Add 2 Buttons for Booking & Cancellation of Tickets.



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System: SAP SAC Implementation project

For detailed training on SAP Analytics cloud with such real time scenarios, feel free to get in touch with us on

contact@anubhavtrainings.com

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