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Making Integrations Simpler



Implementation of SQL JOINS in Boomi

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This blog will cover how we can perform SQL JOINS in Boomi.

Prerequisites: We have to create two tables in the database named Employee_Blog and Department_Blog having columns Id, Name, Dept ID and Dept ID, Dept name respectively.

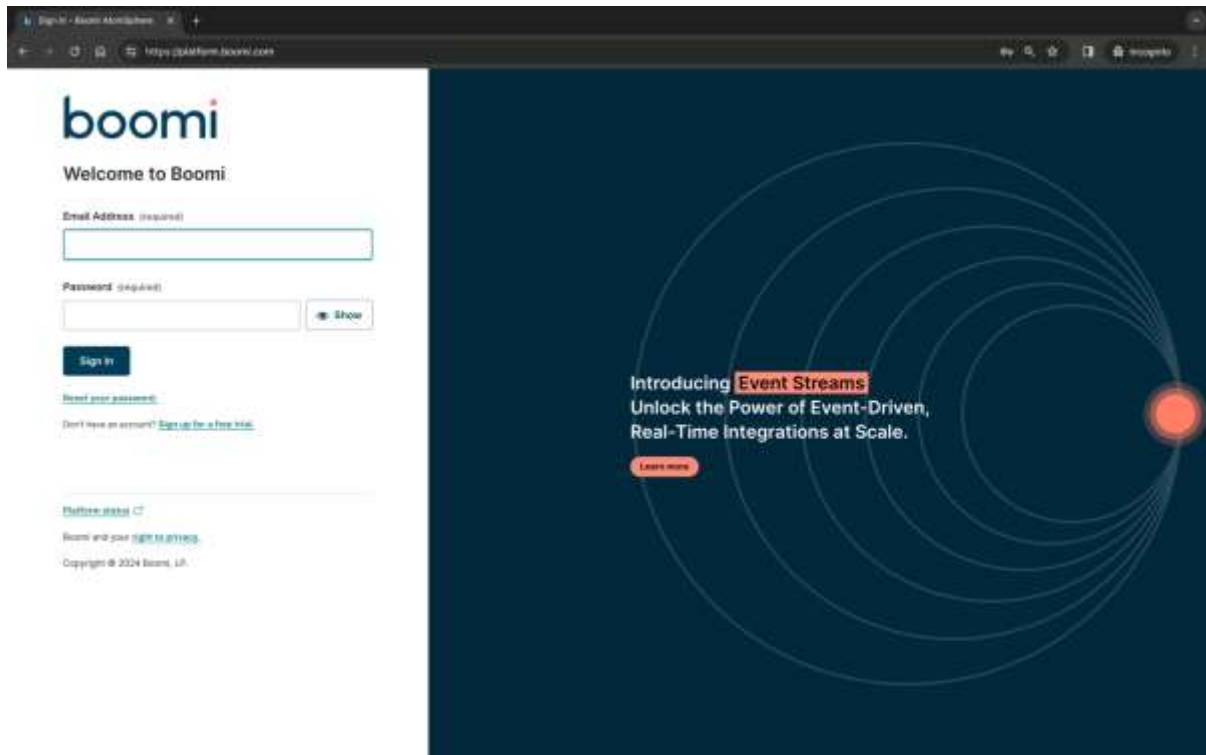
Id	Name	Dept ID	
1001	Rahul	1	
1002	Akshay	2	
1003	Soham	1	
1004	Shamik	1	
1005	Sunny	3	
1006	Sourav	2	

Figure 1: Employee_Blog

Dept ID	Dept Name
1	Developer
2	Test Engineer
3	HR

Figure 2: Department_Blog

Step 1: Log on to the **Boomi platform** (<https://platform.boomi.com/>) with a **username** and **password**.



Step 2: Once, you have logged into the Boomi platform, you can view the **Home** page.

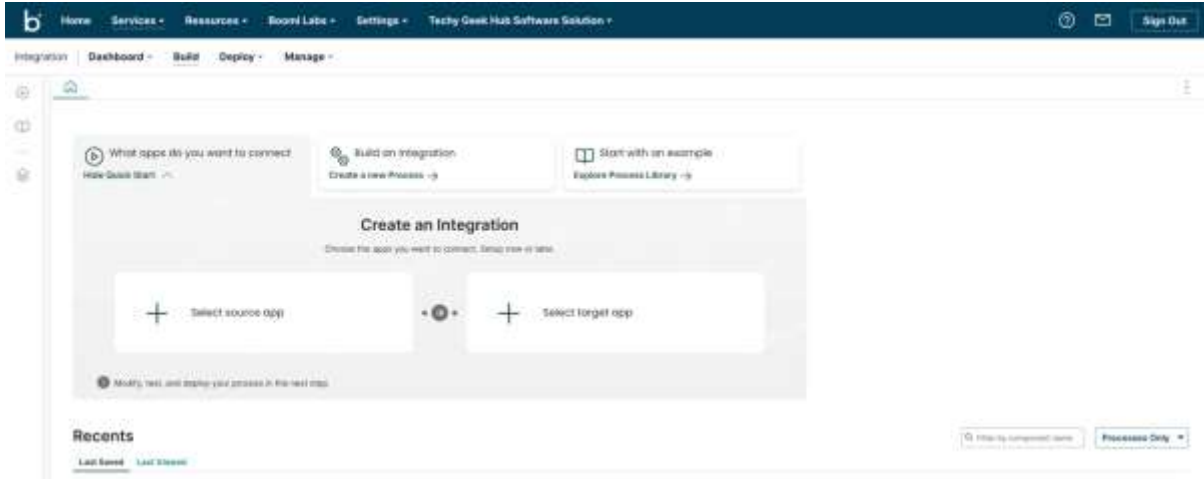


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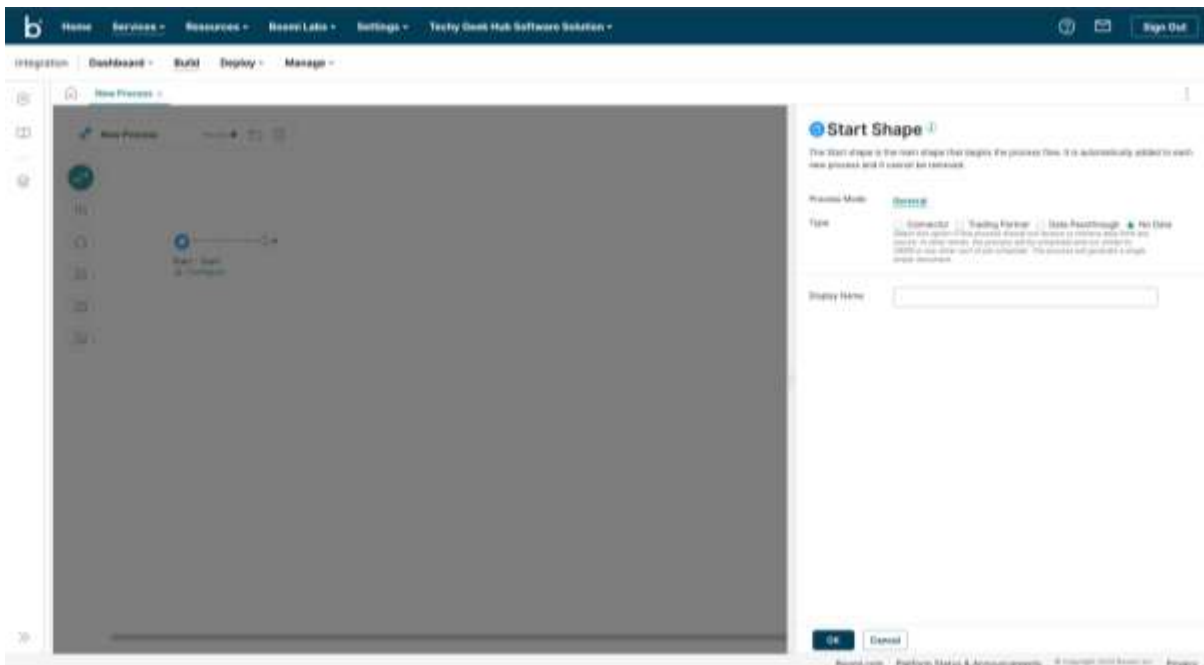
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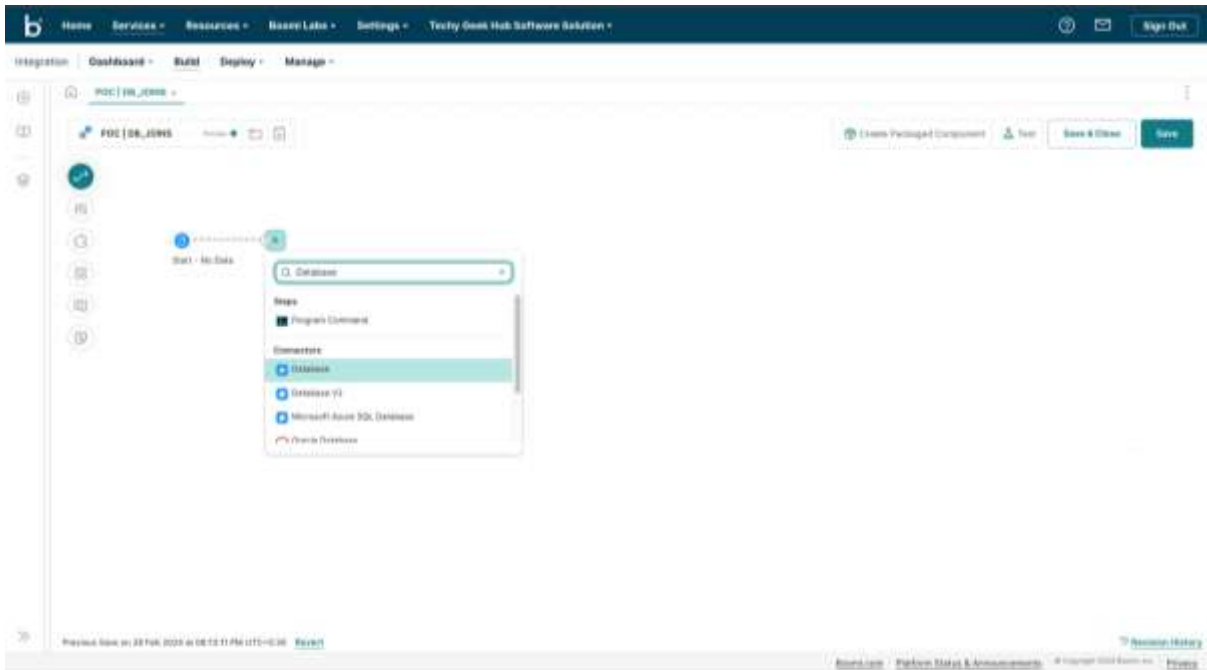
Step 3: Now, click on **Services** followed by **Integration**. You will see the Build page. Click on **Create a new process**.



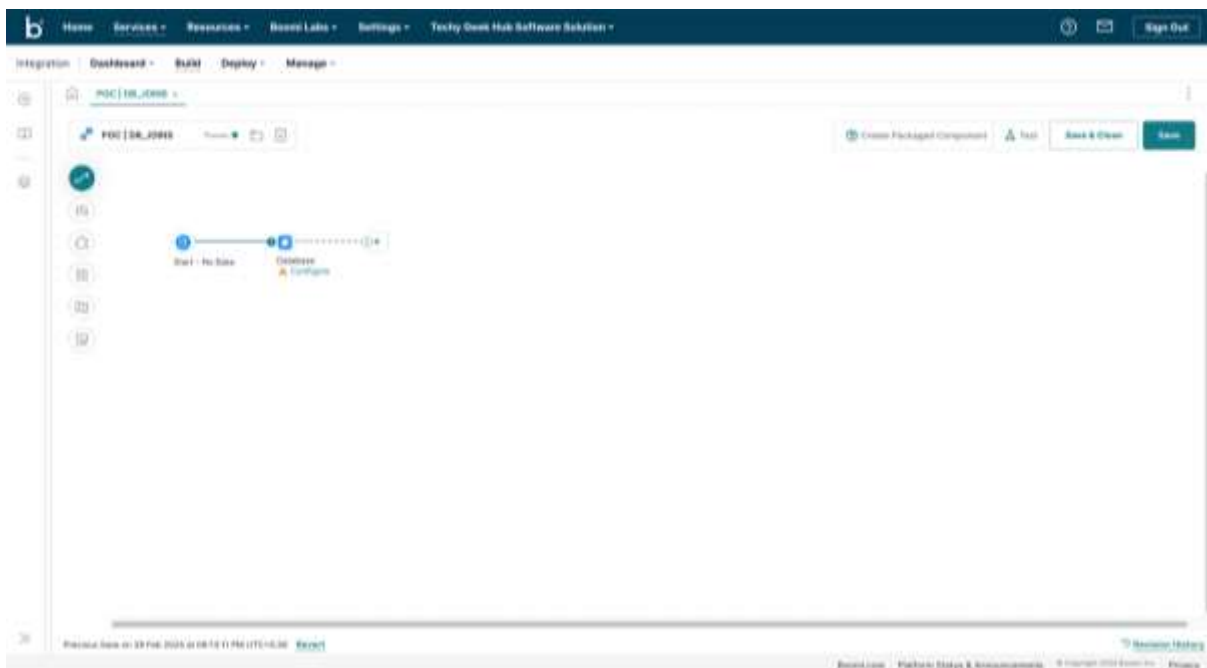
Step 4: A New Process will open with a **Start** shape. Choose the Type as **No Data** and click **OK**.



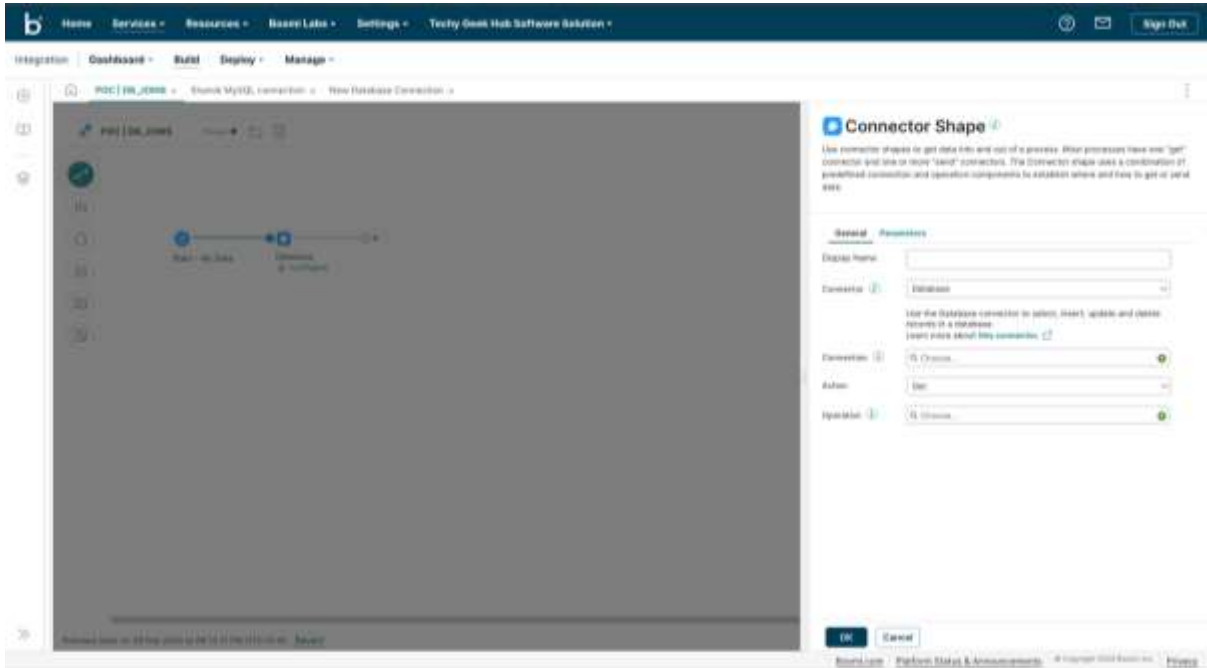
Step 5: Click on the plus sign and choose **Database Connector**.



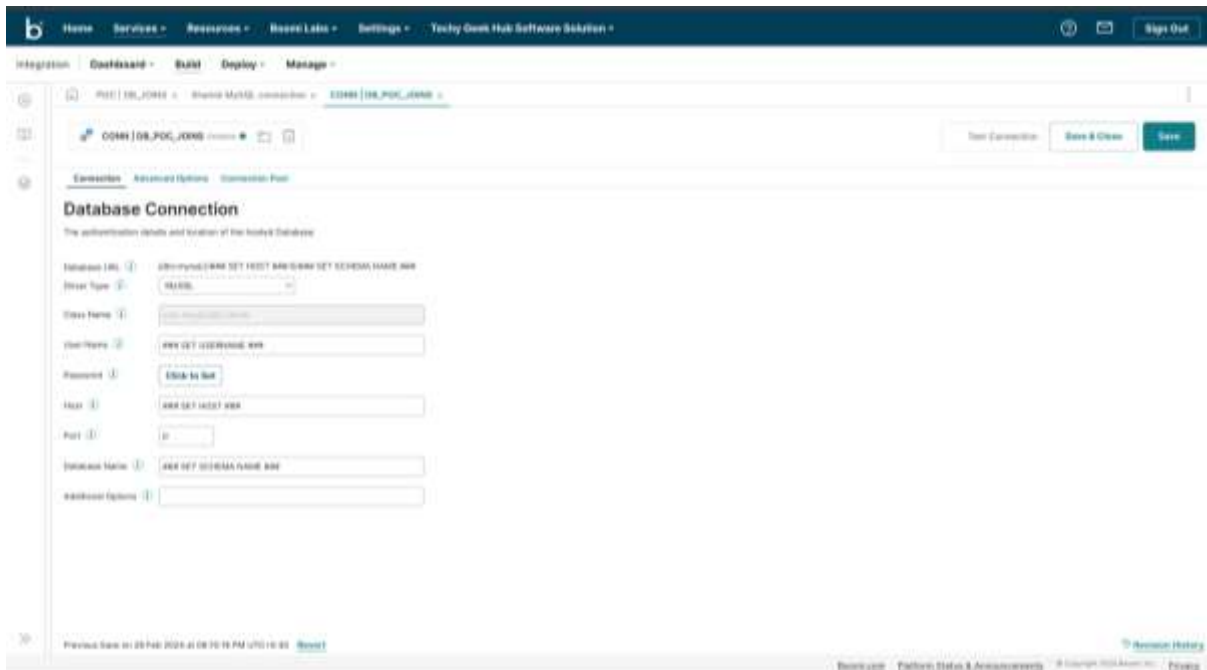
Step 6: Click on the **Configure** below the Database Connector.



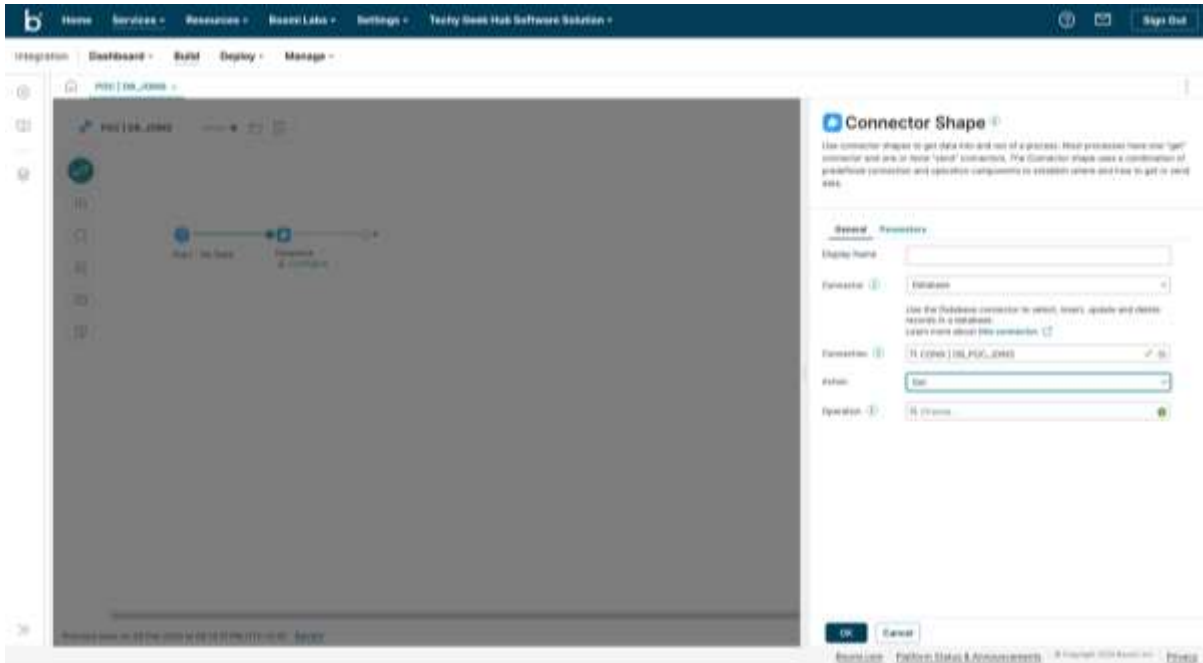
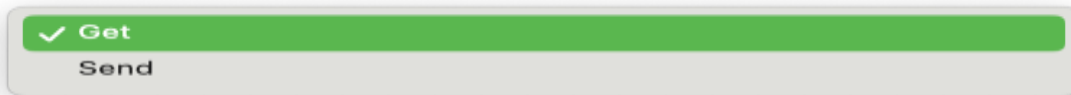
Step 7: Add Connection.



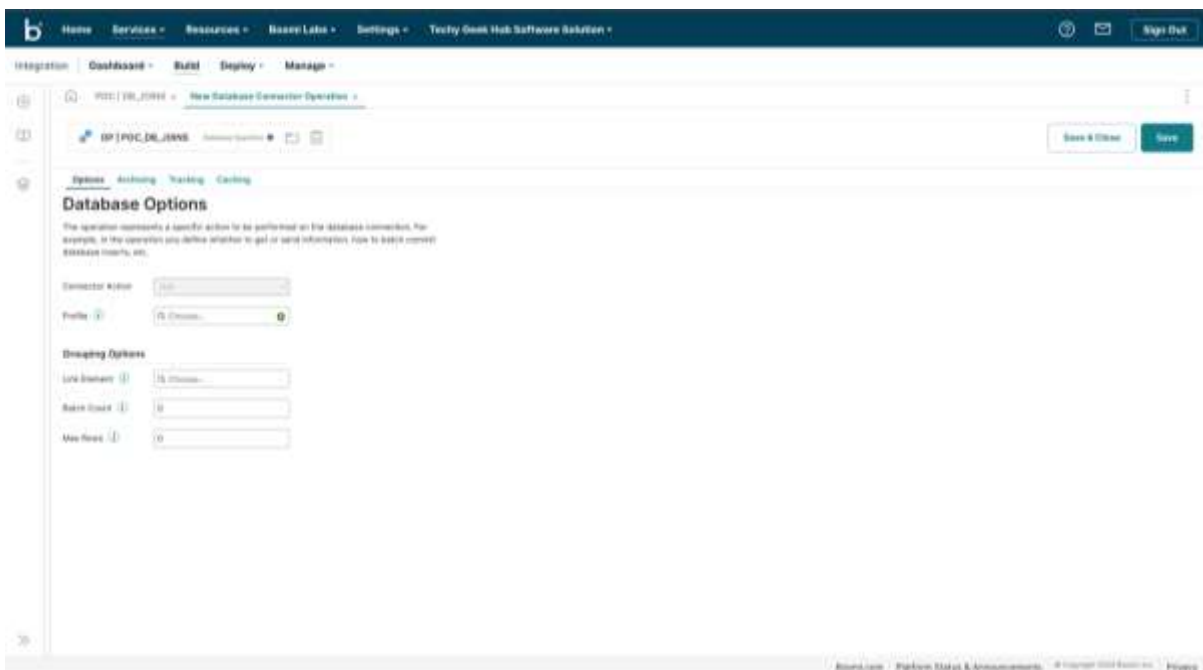
Step 8: Set the values for Driver Type, User Name, Password, Host, Port, and Database Name (Schema Name). Then click on Save & Close.

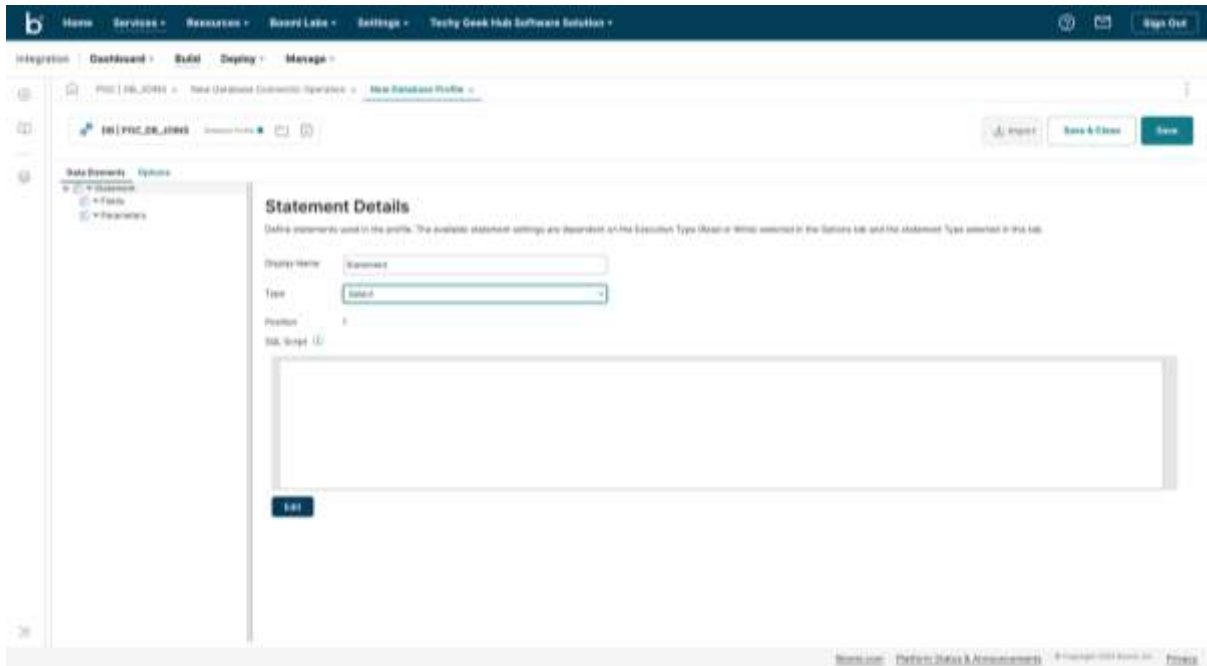
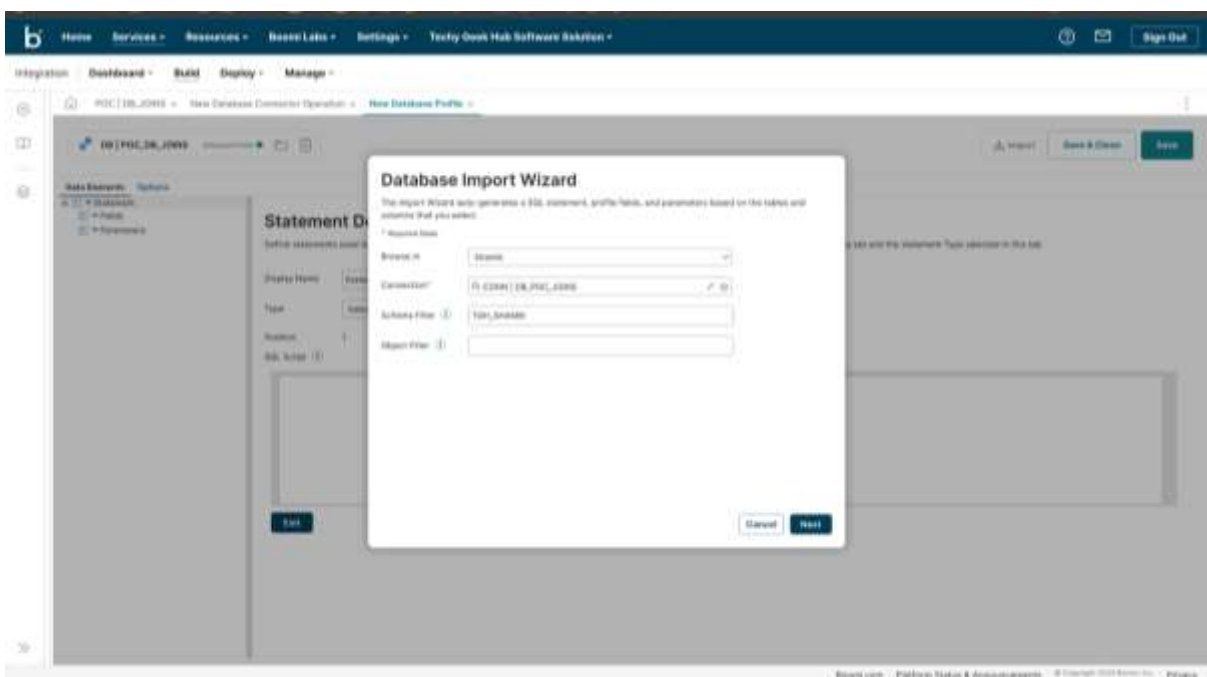


Step 9: Select the action as Get & Add Operation.

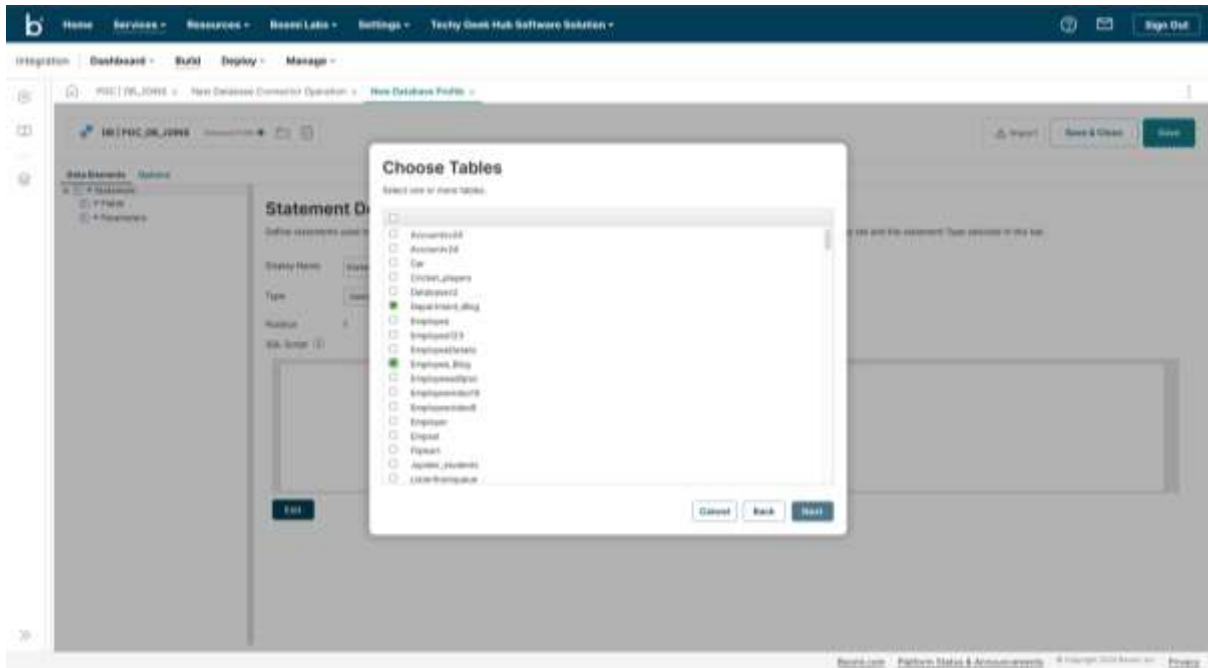


Step 10: Add Profile.

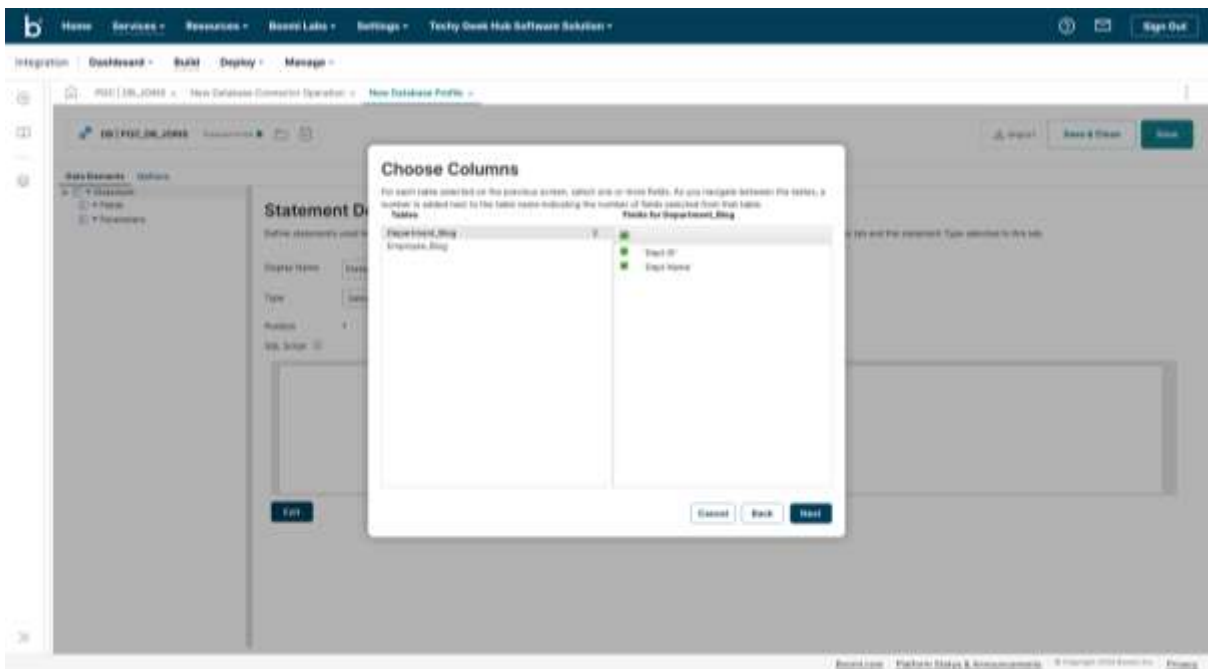


Step 11: Click on Statement. Click on Import.**Step 12: Select 'Browse in' as your run time engine. Select the connection (Step 8) and put the schema name in the Schema Filter.**

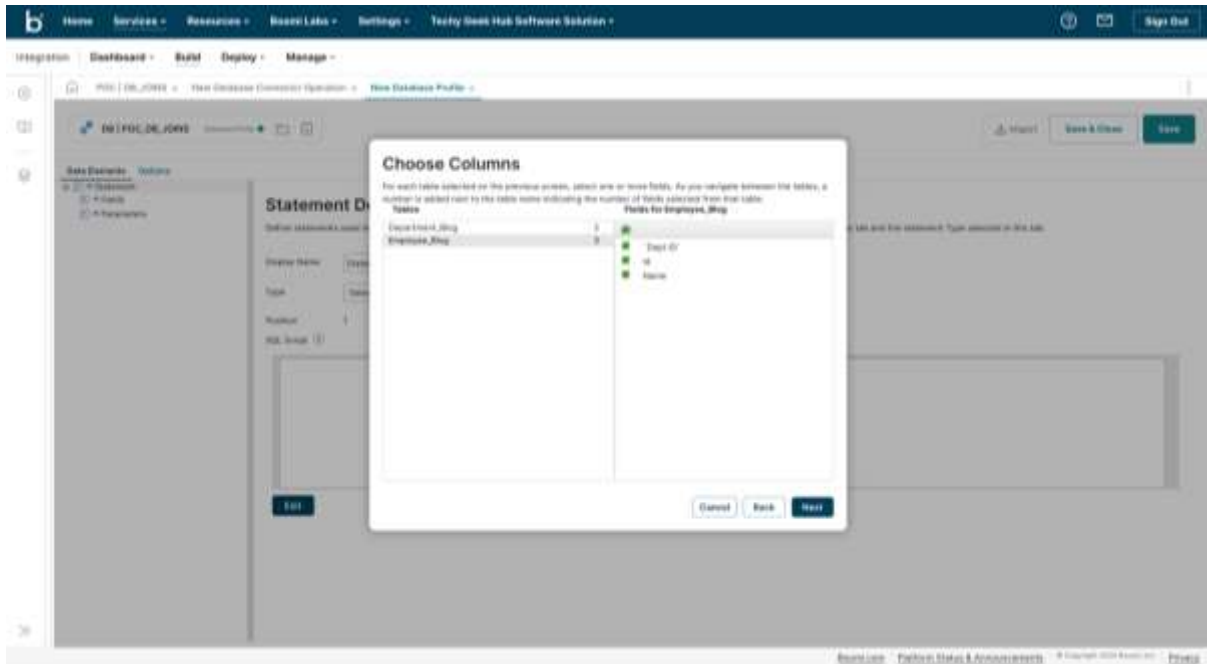
Step 13: Select the required tables.



Step 14: Select the required columns from the table Department_Blog.



Step 15: Select the required columns from the table **Employee_Blog**.

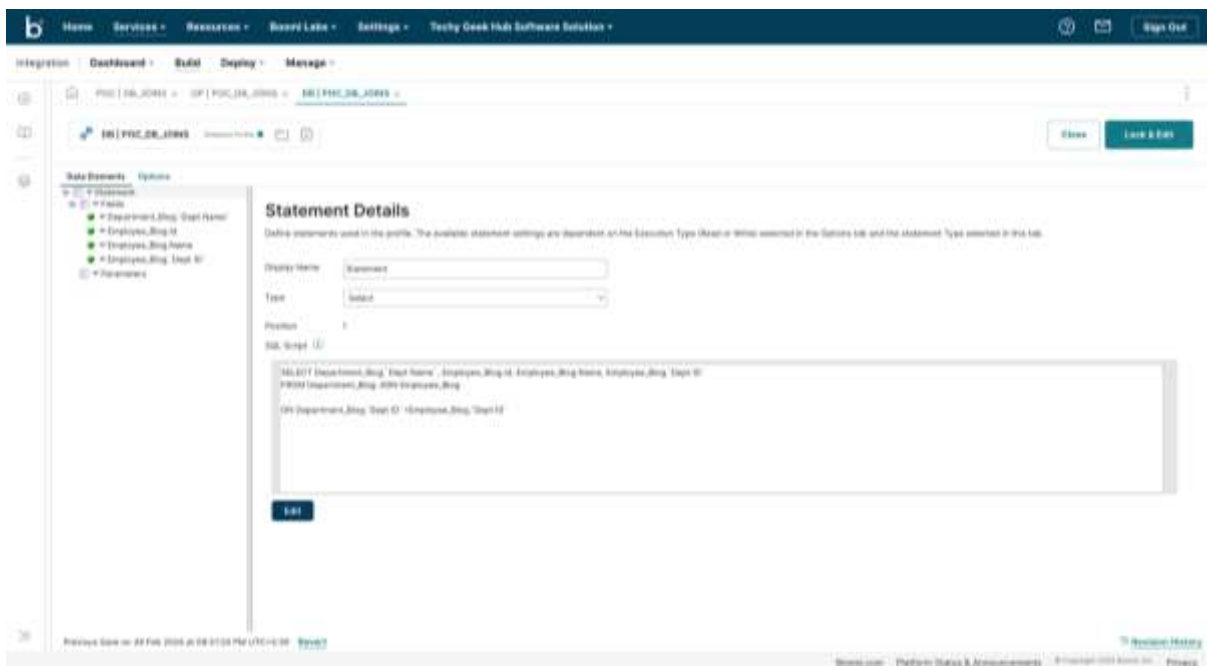


Step 16: Write / Modify the query in the **SQL Script** section. Click on **Save & Close**.

```
SELECT Department_Blog.`Dept Name`, Employee_Blog.Id, Employee_Blog.Name, Employee_Blog.`Dept ID`
```

```
FROM Department_Blog JOIN Employee_Blog
```

```
ON Department_Blog.`Dept ID`=Employee_Blog.`Dept ID`
```

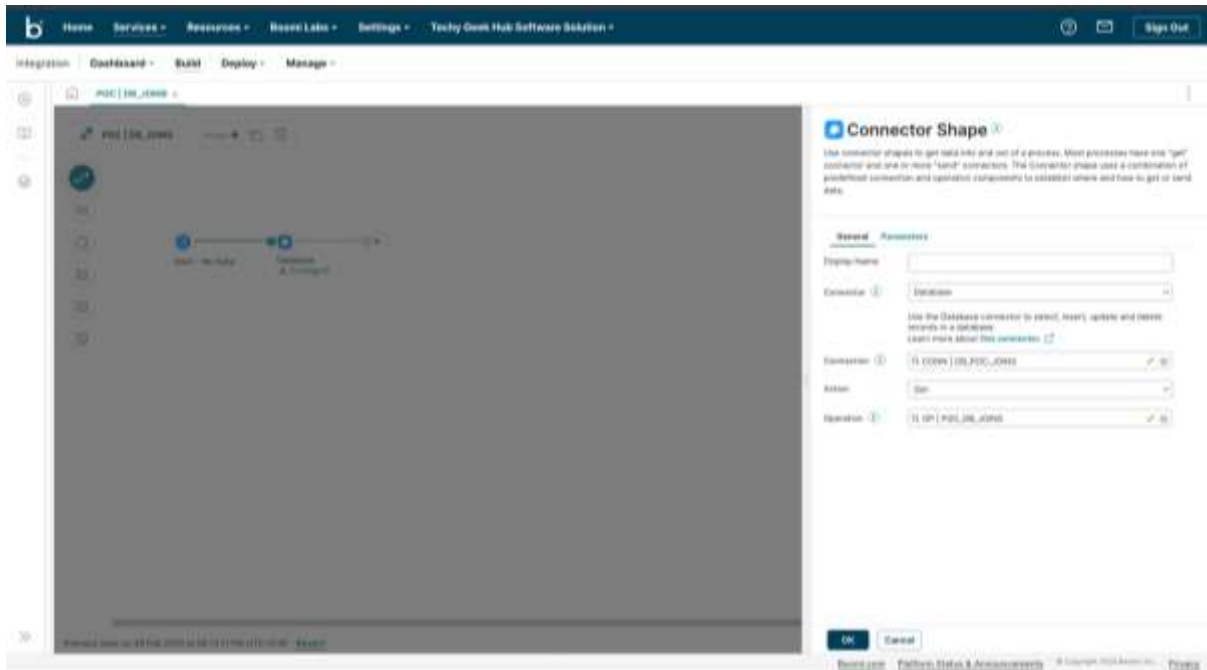


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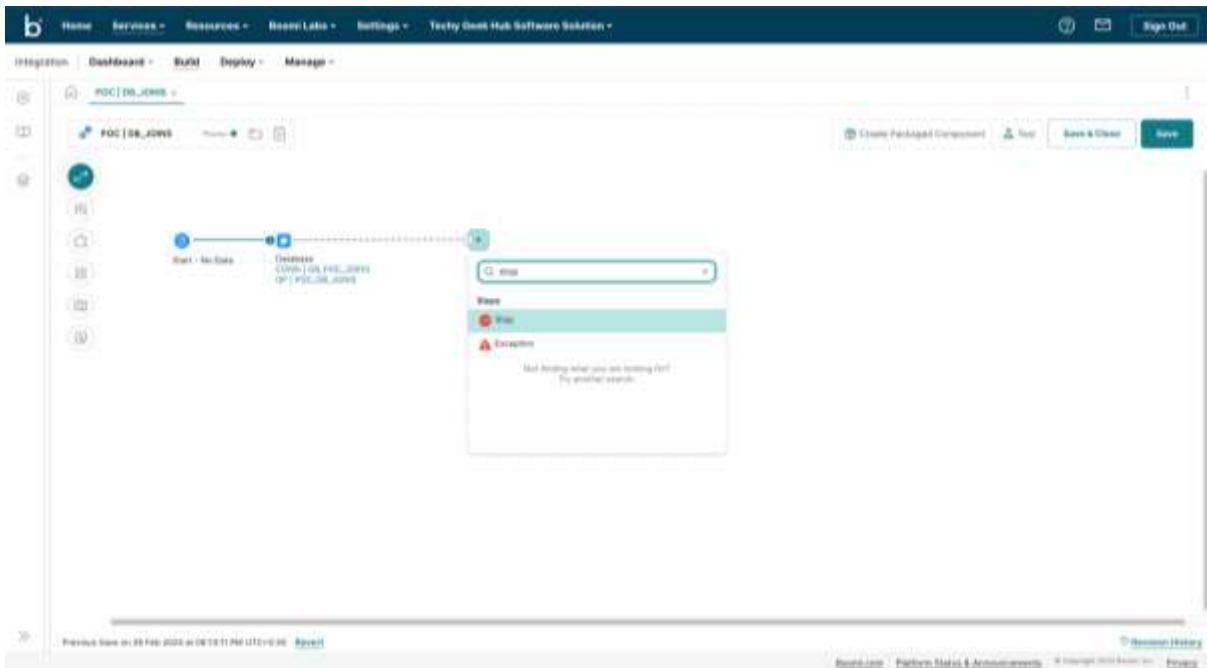
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Step 17: Click on **OK**.



Step 18: Click on the '+' and choose the **Stop** shape.

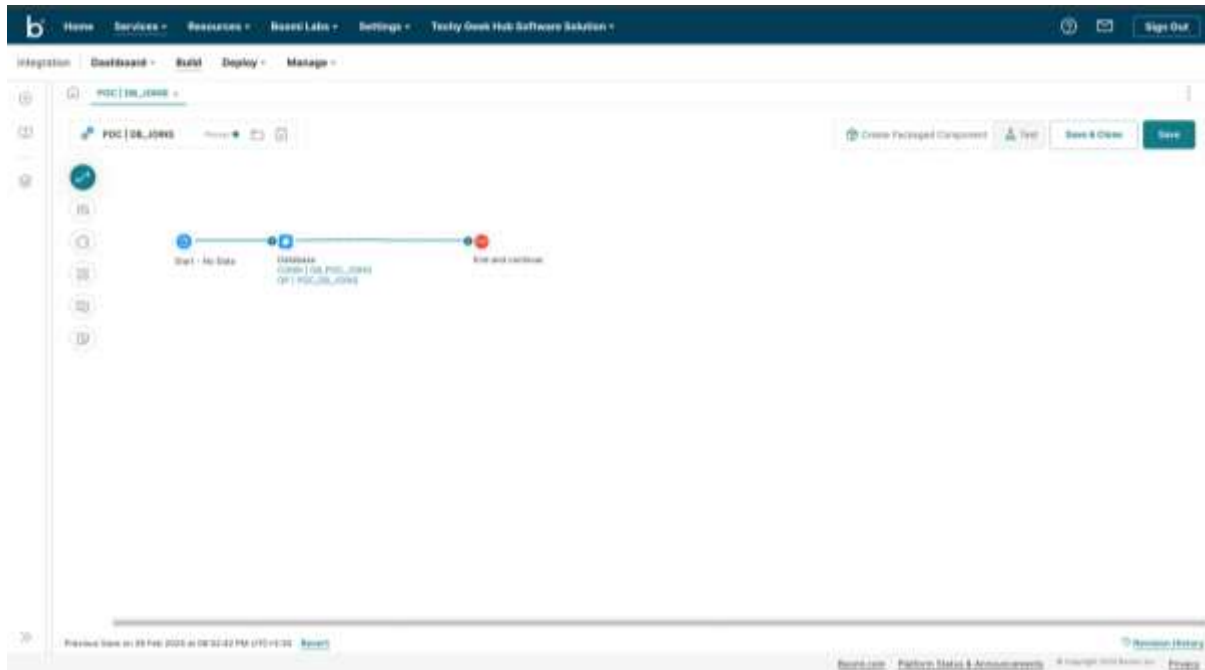


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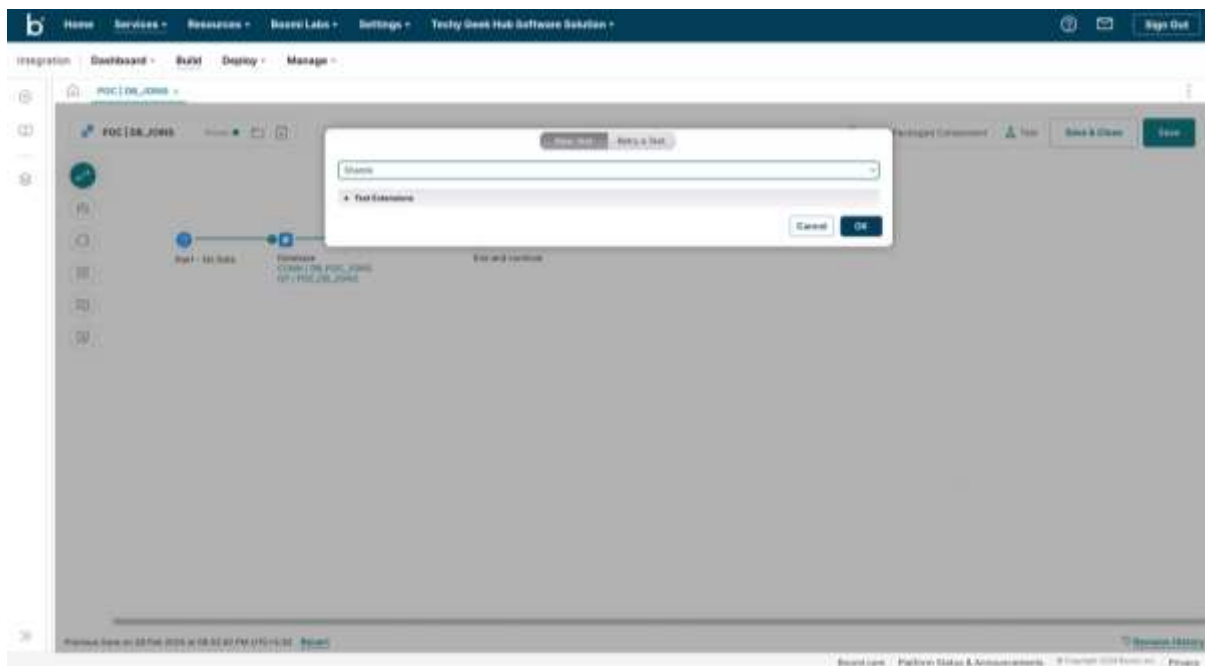
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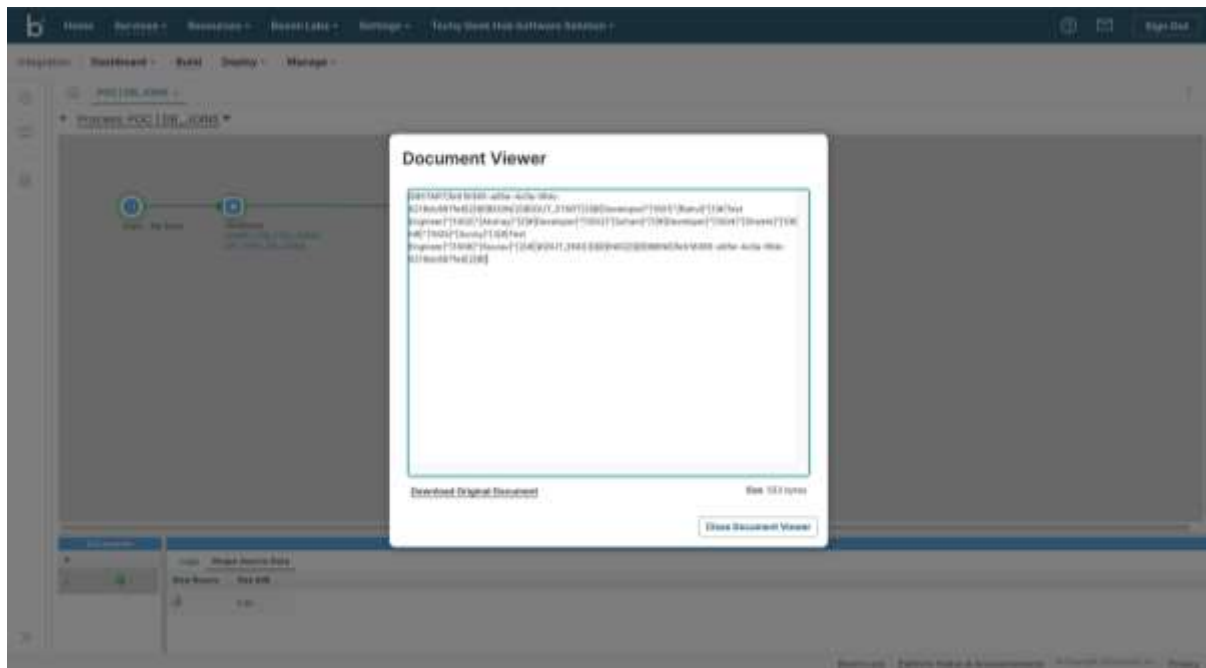
Step 19: Click on Save and hit Test.



Step 20: Choose the runtime engine.



Step 21: Click on the **Stop** shape and click on the **shape source data** to check what data the database connector produced.





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boomi
Partner



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