

Getting Started

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Running a simple SQL job

You can use this Getting Started use case to get familiar with the most simple form of running a SQL Stream job.

About this task

The Getting Started contains the basic steps of running a SQL Stream job. When executing the job, you do not need to select a sink as the results are displayed in the browser. SQL Stream Builder provisions a job on your cluster to run the SQL queries. You can select the **Logs** tab to review the status of the SQL job. As data is returned, it shows up in the **Results** tab.



Note: When adding SQL statements to the SQL window, you do not need to add the semicolon (;) at the end of the statement as SSB can run the command without the semicolons.

Procedure

1. Navigate to the Streaming SQL Console.
 - a) Go to your cluster in Cloudera Manager.
 - b) Select SQL Stream Builder from the list of services.
 - c) Click SQLStreamBuilder Console.

The **Streaming SQL Console** opens in a new window.

2. Provide a name for the SQL job in the SQL Job Name text box.

You can also use the random name button to generate a name for your job.



Important: Do not write the data out to any table using the INSERT INTO statement, as the output is generated to the browser.

3. Select *DATAGEN* from the Templates.

The CREATE TABLE statement is imported to the SQL window.

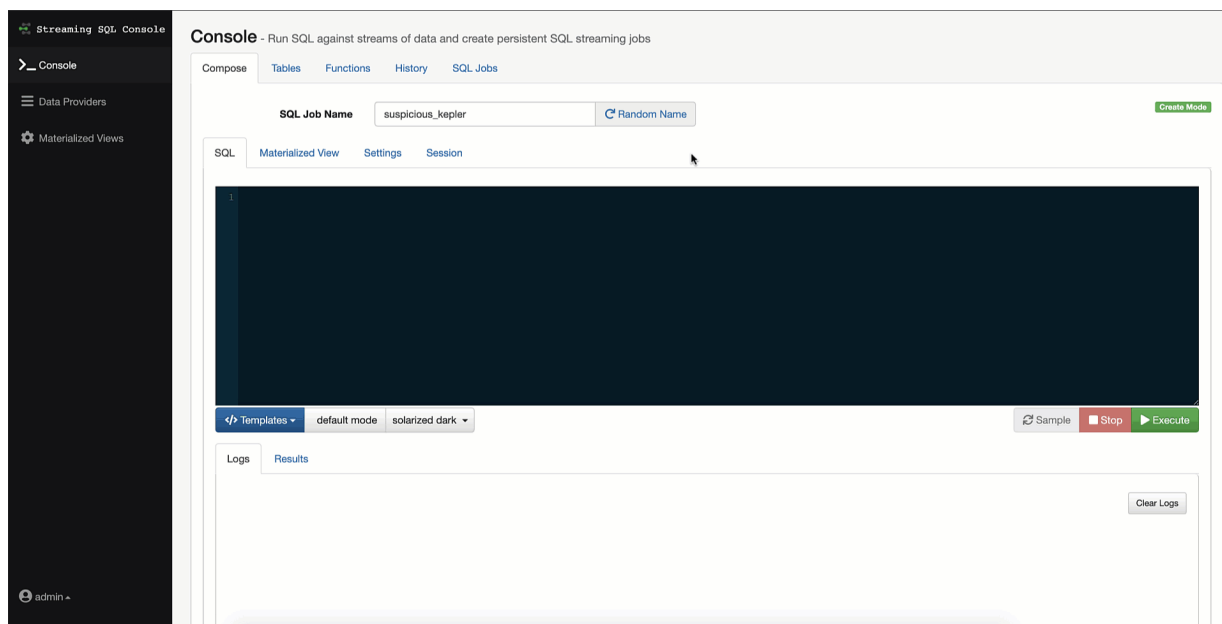
4. Add a SELECT query to the SQL window after the datagen template.

```
SELECT * FROM <table_name>
```

5. Click Execute.

You can see the generated output on the Results tab.

- Click on the Stop button to stop the job.



Related Information

[Using Streaming SQL Console](#)

[Data Providers in SSB](#)

[Creating Tables](#)

[Monitoring SQL Stream jobs](#)