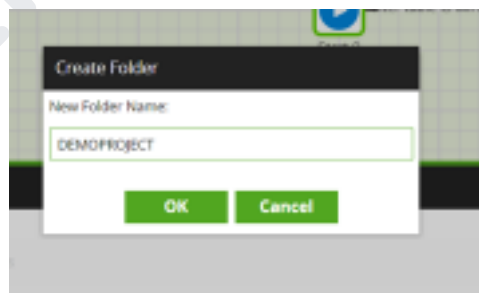
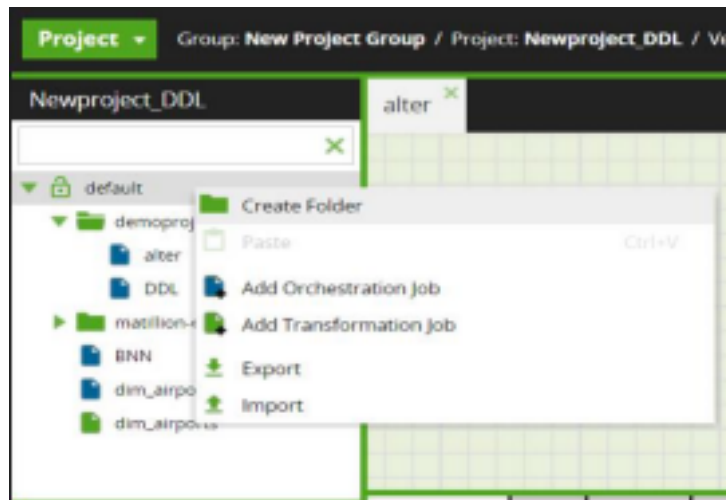


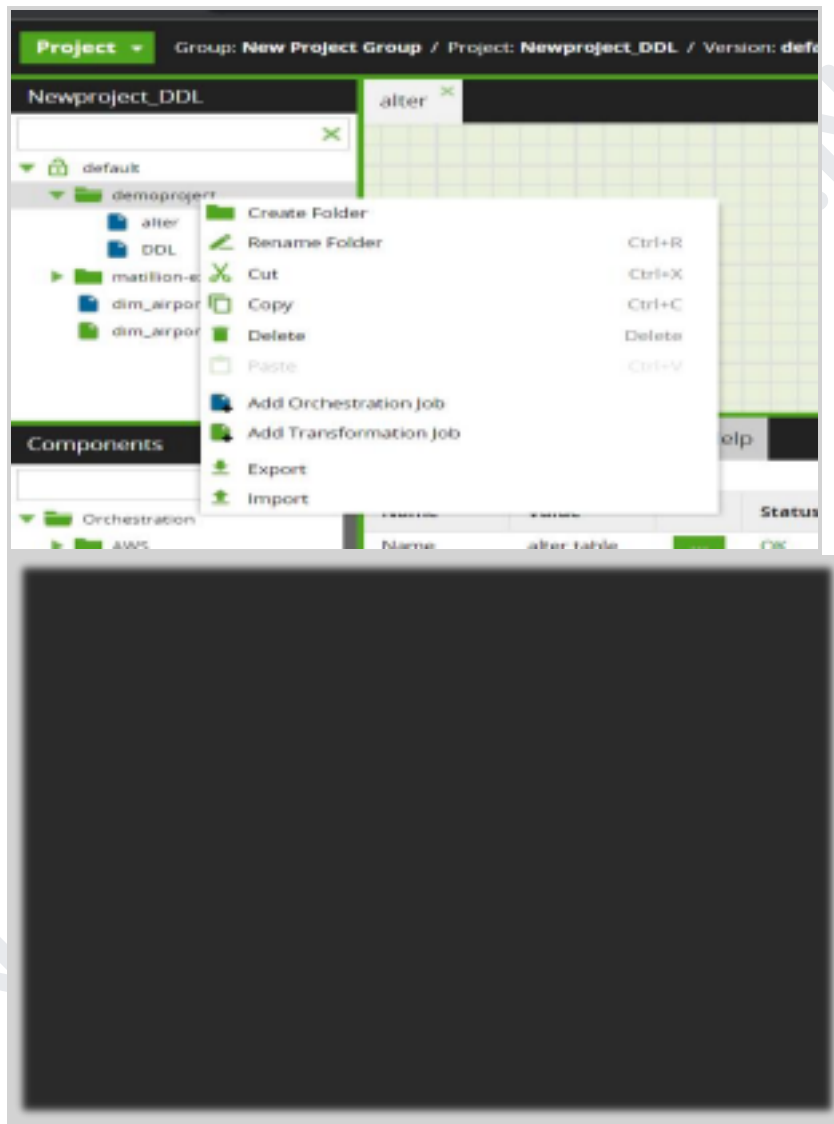
MATILLION DDL ORCHESTRATION

1. FIRST TASK IS TO CREATE A FOLDER WHICH HOLD OUR JOB. FOR THAT RIGHT CLICK ON DEFAULT AND CLICK ON CREATE FOLDER AND NAME IT.

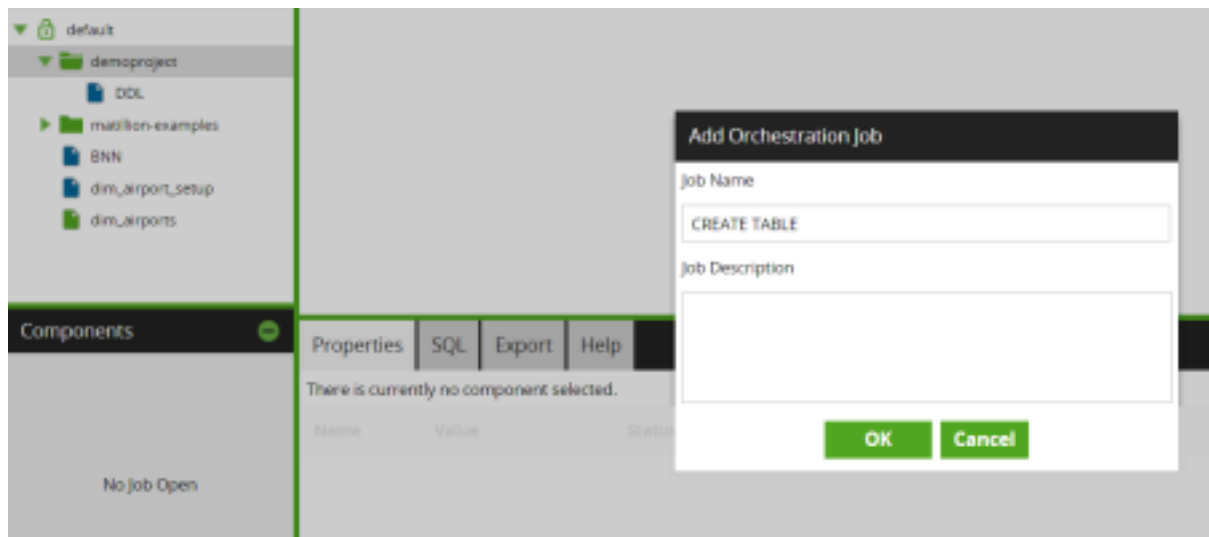




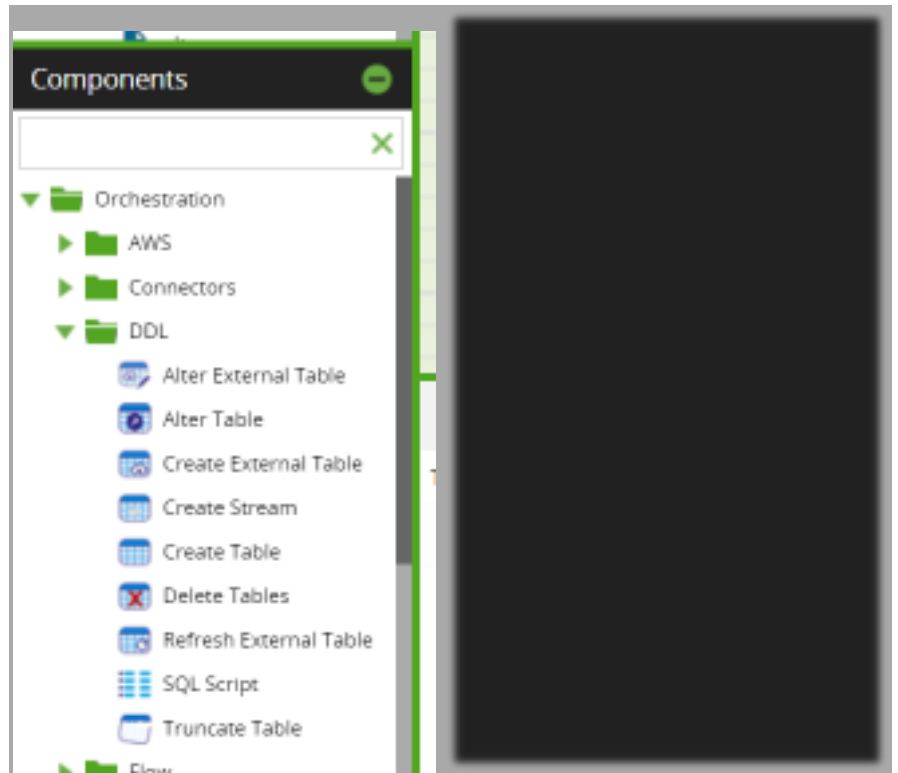
2. NEXT CREATE THE JOB . FOR THAT RIGHT CLICK ON FOLDER(DEMODATABASE) AND THEN CLICK ON ADD ORCHESTRATION JOB.



WILL REPEAT THIS TASK FOR ALL THE DDL OPERATION THAT WE ARE GOING TO PERFORM. AND ONCE ONE TASK SUCCESSFULLY GET COMPLETED, WILL DELETE THE JOB TO AVOID CPU UTILIZATION.



3. NOW GO TO THE COMPONENT SECTION AND GO INSIDE DDL. HERE IT WILL LIST ALL THE DDL OPERATIONS. WILL EXECUTE THIS OPERATIONS ONE BY ONE.



5. BELOW SCREEN OCCURS ONCE JOB GET CREATED. AND NOW WILL DRAG AND DROP THE DDL OPERATION WHICH WE WANT TO EXECUTE IN THE WINDOW.



CREATE TABLE ::

1. DRAG AND DROP CREATE TABLE INTO WINDOW PANE NEAR BY START BUTTON.



2. NOW EDIT THE PROPERTIES OF THE TABLE AS PER YOUR REQUIREMENT .

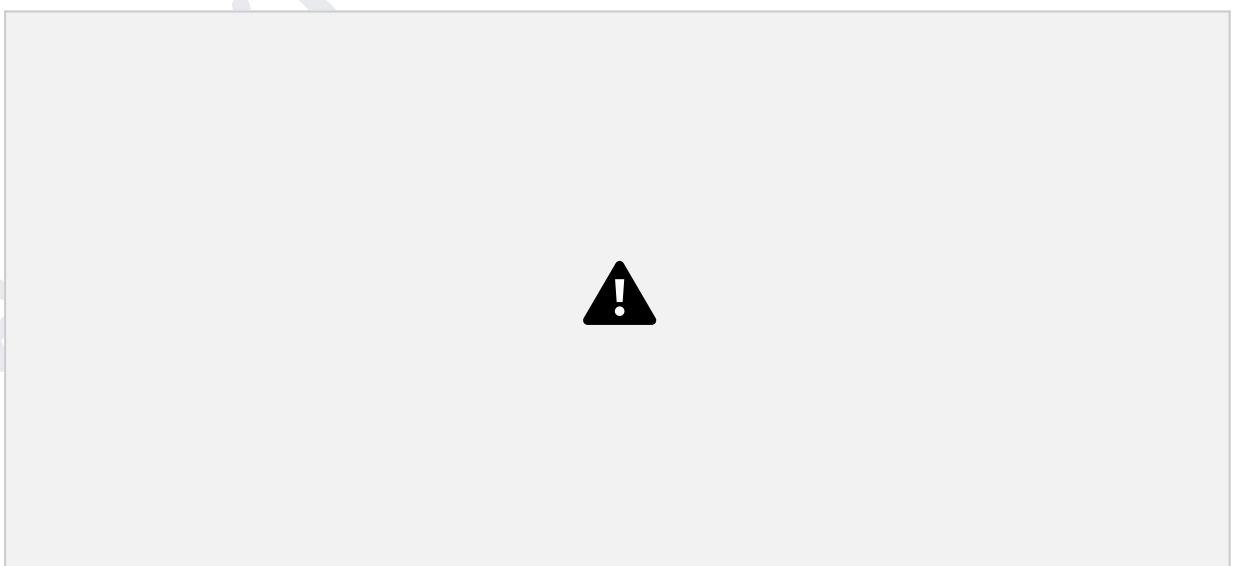
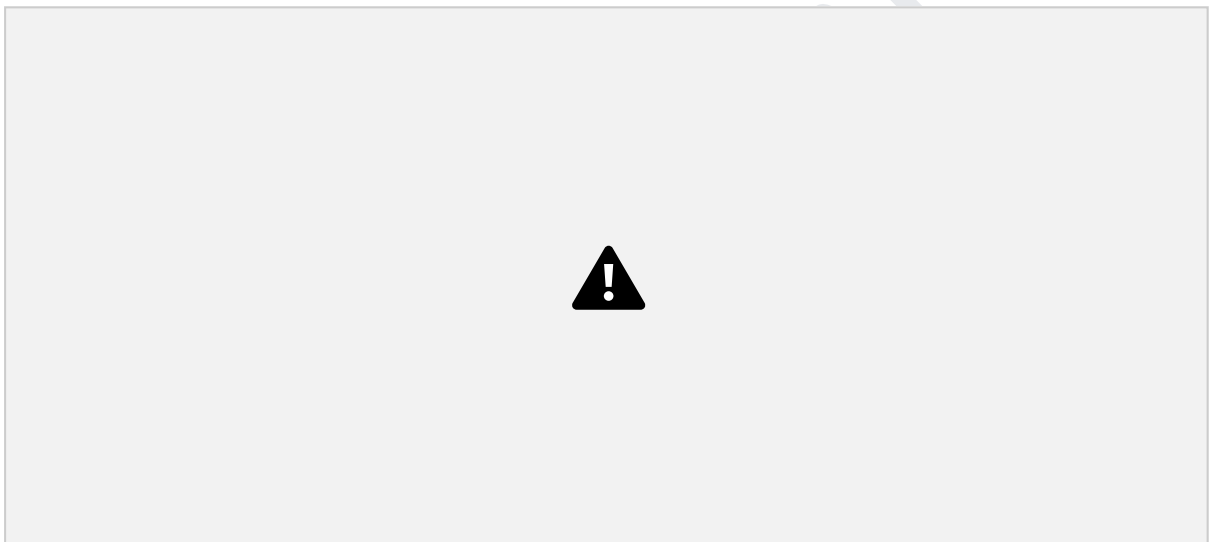
HERE WE WILL FILL DATABASE NAME , SCHEMA , COLOUMN NAME , PRIMARY KEY



ETC.



3. NOW WHILE ADDING THE COLOUMN WE NEED TO ADD THEM ONE BY ONE MANUALLY.



4. ONCE ALL THE COLOUMN GOT ADDED , CLICK ON OK.



**5. ONCE IT IS DONE GO TO THE WINDOW AREA AND RIGHT CLICK ON THE TABLE
BUTTON.AND CLICK ON RUN JOB(DEVELOPMENT).**

A



6. ONCE IT IS VALIDATED SUCCESSFULLY. TABLE WILL GET CREATED.





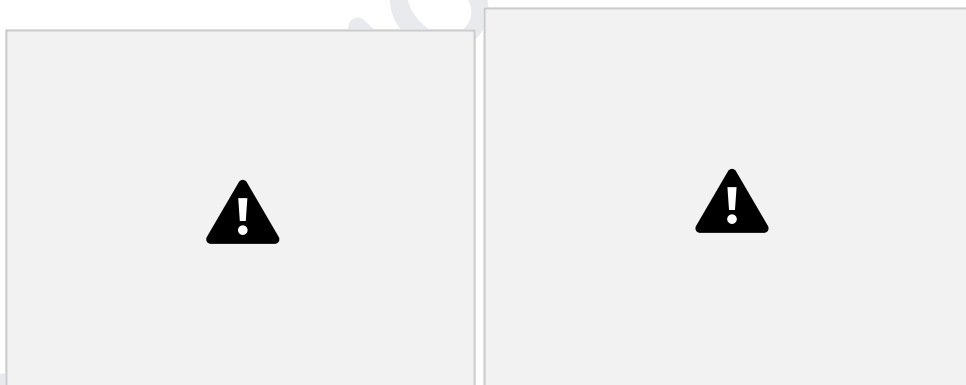
7. TO CHECK THE TABLE. GO TO ENVIRONMENT AND RIGHT CLICK ON THE DATABASE AND HIT REFRESH.

NEW TABLE WILL LIST BELOW.



DELETE TABLE::

1. DRAG AND DROP DELETE TABLE INTO WINDOW PANE NEAR BY START BUTTON.

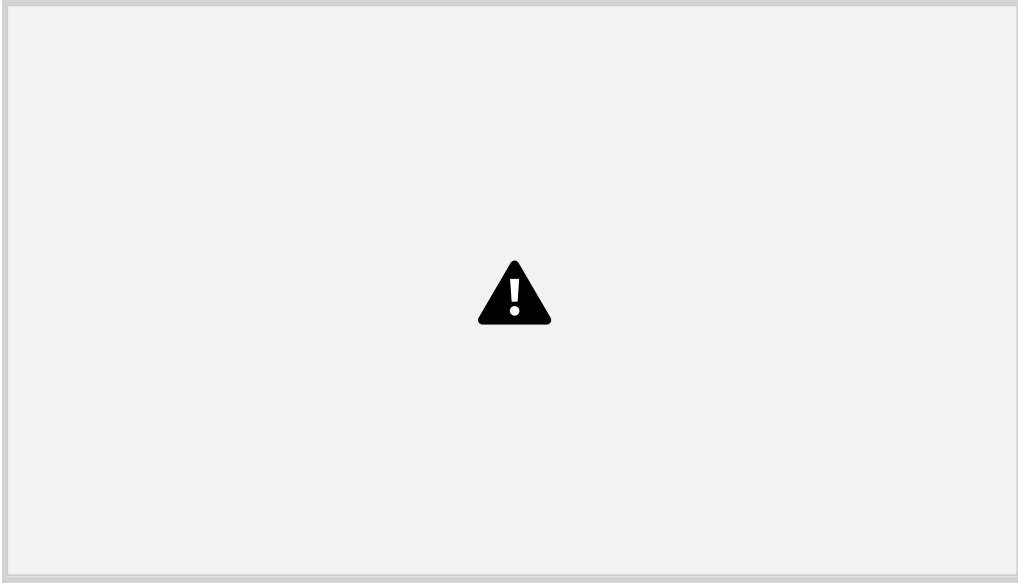


2. NOW EDIT THE PROPERTIES OF THE TABLE.

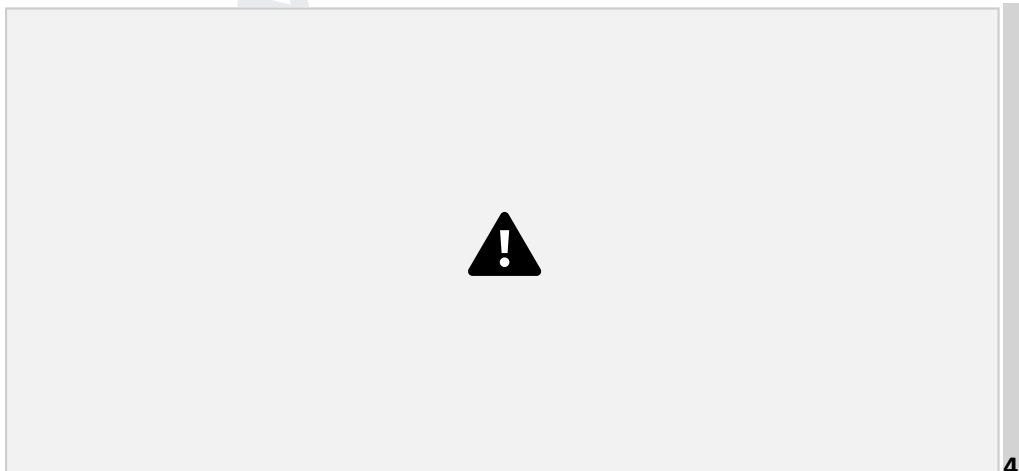
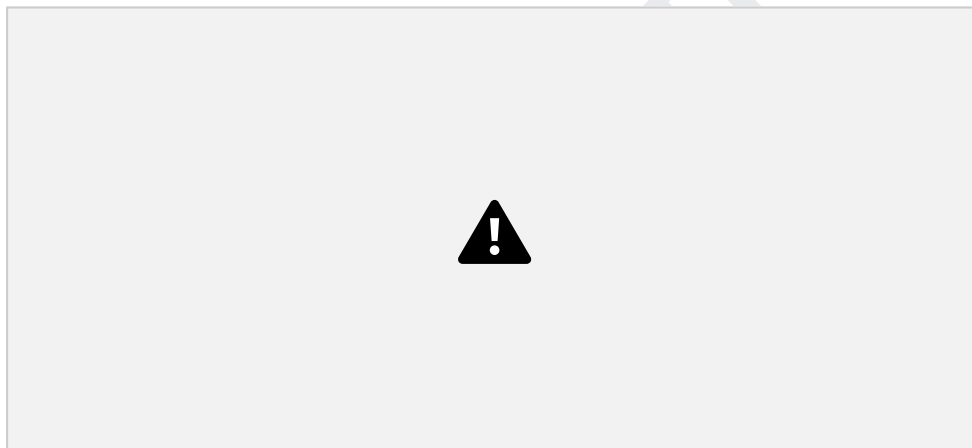


IN TARGET TABLE SECTION DRAG AND DROP THE COLOUMN WHICH YOU WANT TO DELETE



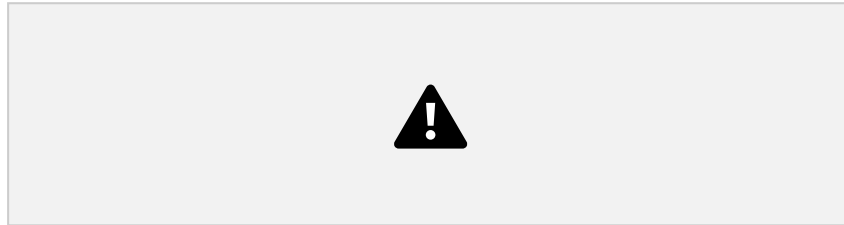


3. ONCE IT IS DONE GO TO THE WINDOW AREA AND RIGHT CLICK ON THE TABLE BUTTON.AND CLICK ON RUN JOB(DEVELOPMENT).



ONCE IT IS VALIDATED SUCCESSFULLY . TABLE WILL GET DELETED.

4.



5. TO CHECK THE TABLE. GO TO ENVIRONMENT AND RIGHT CLICK ON THE DATABASE AND HIT REFRESH.

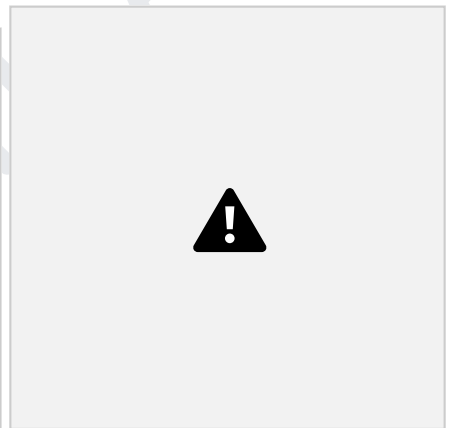
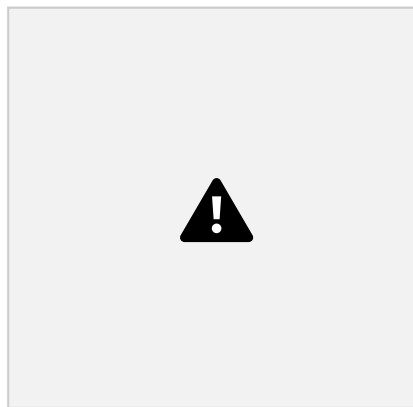
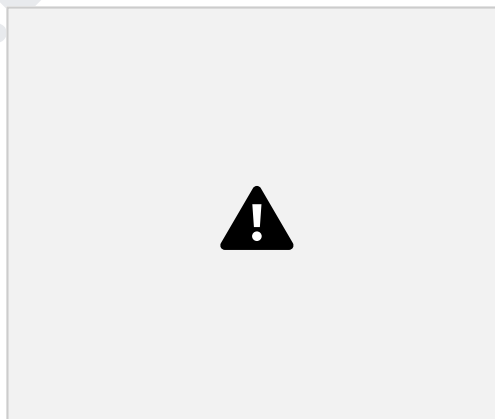


TABLE GOT DELETED SUCCESSFULLY.

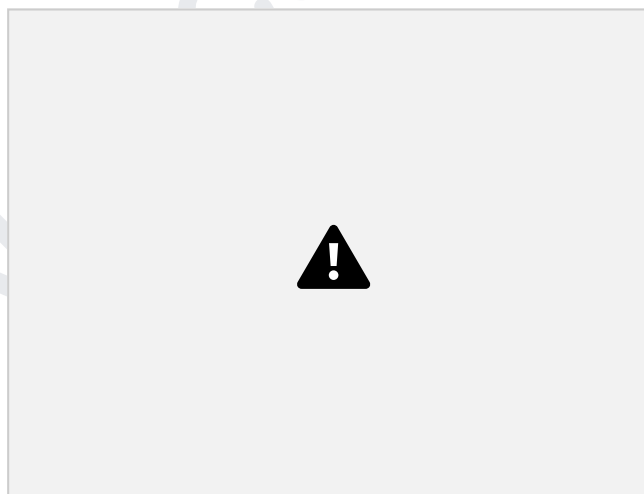
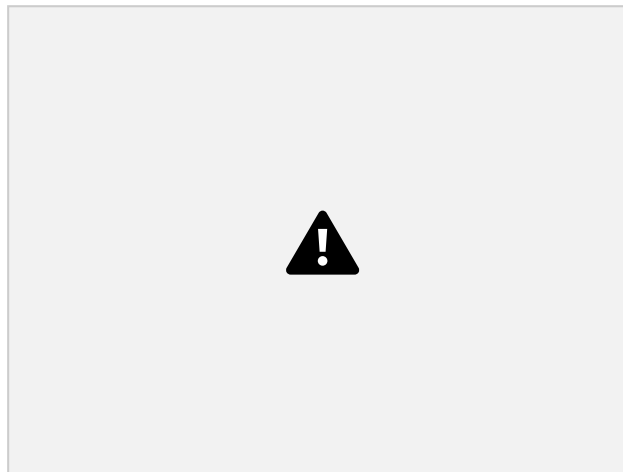
ALTER TABLE::

1. DRAG AND DROP ALTER TABLE INTO WINDOW PANE NEAR BY START BUTTON.

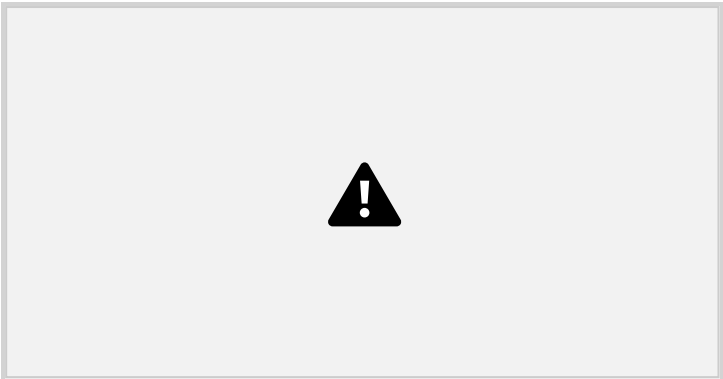




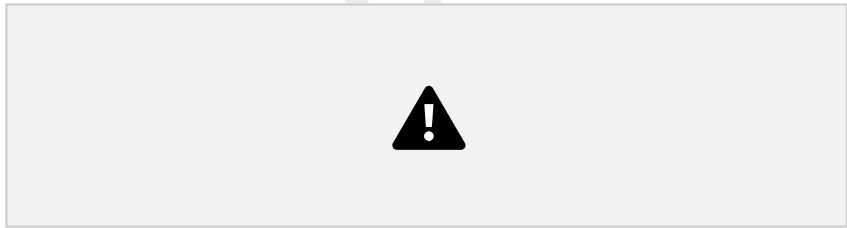
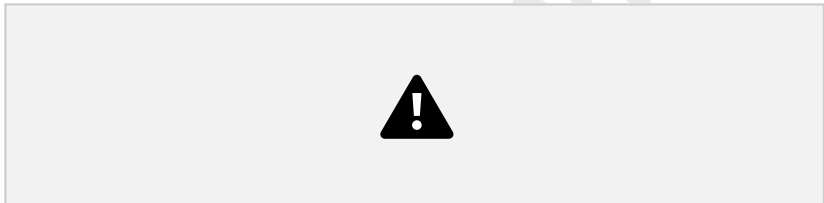
2. NOW EDIT THE PROPERTIES OF THE TABLE.



3. ONCE IT IS DONE GO TO THE WINDOW AREA AND RIGHT CLICK ON THE TABLE BUTTON.AND CLICK ON RUN JOB(DEVELOPMENT).

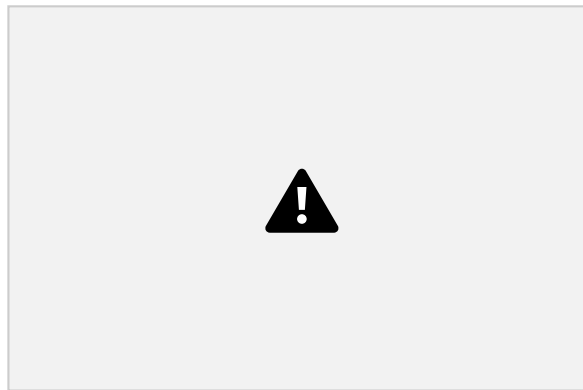
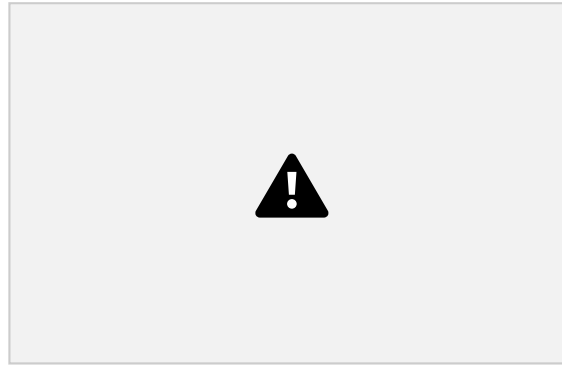


4. ONCE IT IS VALIDATED SUCCESSFULLY . TABLE WILL GET ALTERED.



SQL SCRIPT::

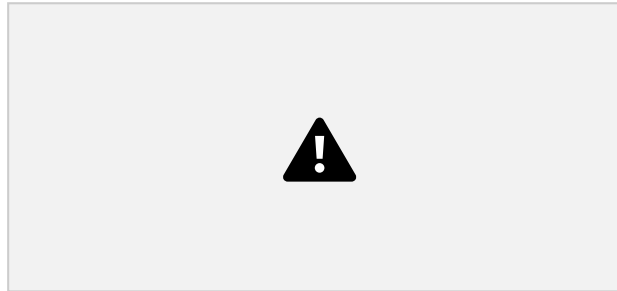
1. DRAG AND DROP SQL SCRIPT INTO WINDOW PANE NEAR BY START BUTTON.



2. NOW EDIT THE PROPERTIES OF THE TABLE.



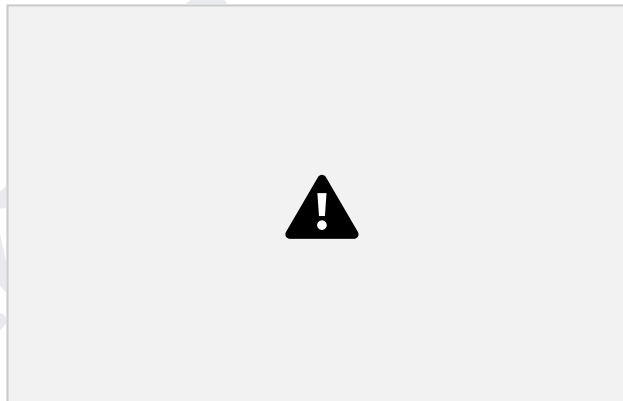
3. ONCE IT IS DONE GO TO THE WINDOW AREA AND RIGHT CLICK ON THE TABLE BUTTON.AND CLICK ON RUN JOB(DEVELOPMENT).

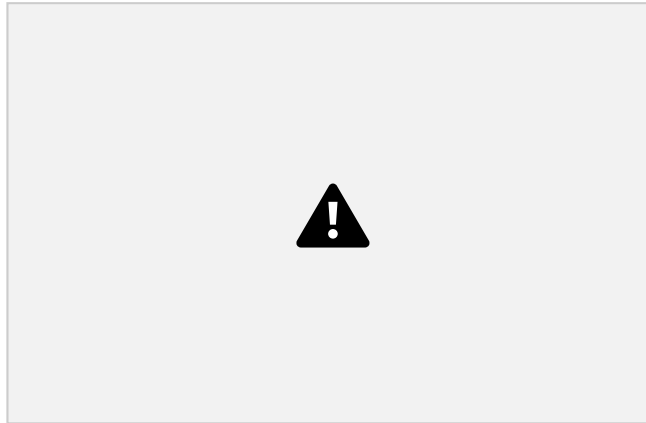


ONCE IT IS VALIDATED SUCCESSFULLY. IT IS DONE.

TRUNCATE TABLE::

1. DRAG AND DROP TRUNCATE TABLE INTO WINDOW PANE NEAR BY START BUTTON.

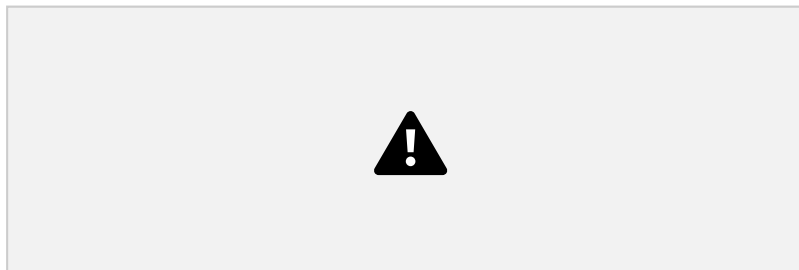




2. NOW EDIT THE PROPERTIES OF THE TABLE.



**3. ONCE IT IS DONE GO TO THE WINDOW AREA AND RIGHT CLICK ON THE TABLE
BUTTON.AND CLICK ON RUN JOB(DEVELOPMENT).**





4. ONCE IT IS VALIDATED SUCCESSFULLY . TARGET TABLE WILL BECOME EMPTY.

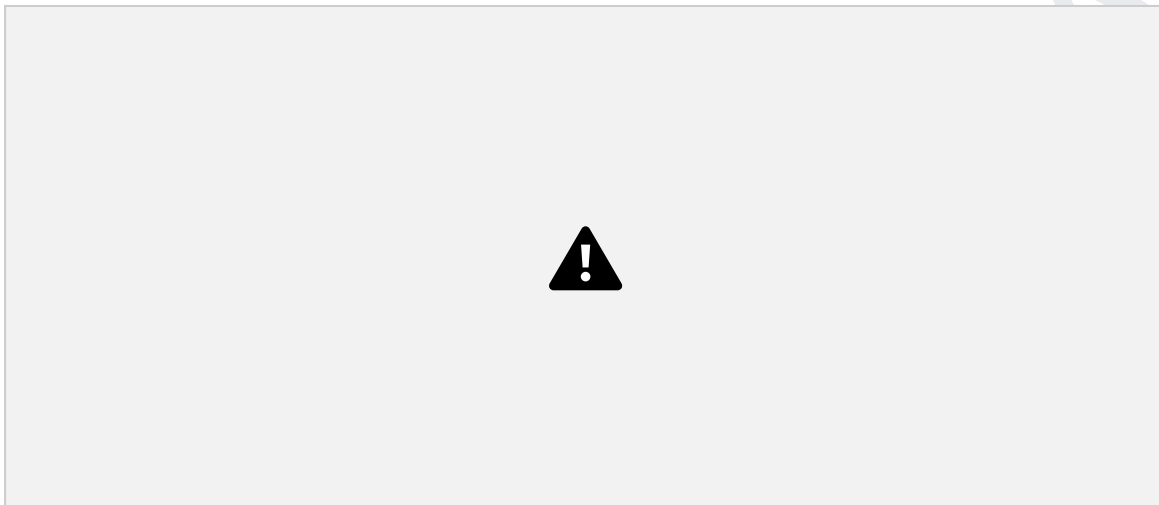


CREATE EXTERNAL TABLE

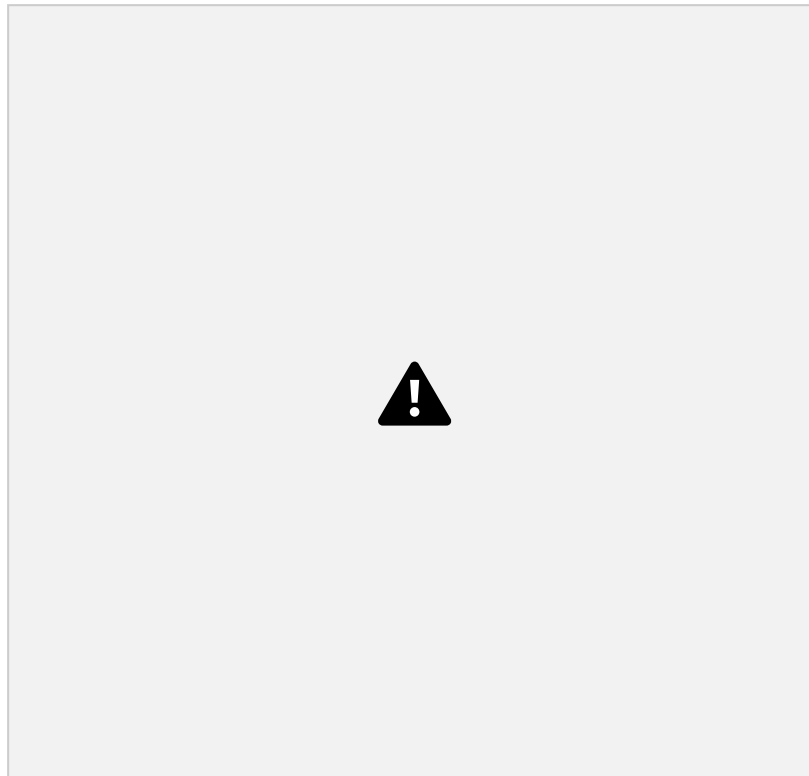
- It creates a table that *references* the data that is held externally, meaning the table itself does not hold the data. External tables can be queried but are read-only.
- External tables require an external stage to stage data.

Refer : Snowflake_continuous_data_loading (Once you are done till creation of stage.Proceed further.

1. Go to matillion , open the orchestration job.
2. Drag and drop the CREATE EXTERNAL TABLE component in window.



3. Enter the correct details in properties field.



In stage you need to select the stage you have created in snowflake. You will be able to see the list of stage which you have created.

You can also create stage directly from here via manage stage. For that you just require storage integration (that is created in snowflake).

In the Relative Path, you need to give your S3 Bucket path.

In the Format section, you need to select the format which you created in snowflake.

4. Now validate the properties status till it comes OK.
5. Drag and Drop CREATE EXTERNAL REFRESH Component and connect it with CREATE EXTERNAL TABLE Component.



Note:-- Whenever we are creating external table , we need to add refresh external table component too , as while running any query we need refresh. So the refresh area is taken care by refresh external component.

6. Enter the Refresh ext table properties detail.

In Target section, you need to select the external table name. Once all the connection status is green, Run the job.



7. Now go to Environment , there you will be able to see the newly created External Table.

Also same you can verify from Snowflake. You will see a new external

table got created there.

ANALYTICS WITH ANAND