Rishab Informatica Group

CALL/WHATSAPP - 8970853557 / 9448005273

IICS COMBO

AGGREGATOR TRANSFORMATION

An Active, connected

min()

max()

sum()

avg()

count()

SELECT SUM(STIPEND) FROM STUDENTS GROUP BY COORDINATOR_ID;

WE

SELECT COORDINATOR_ID ,SUM(STIPEND) FROM STUDENTS GROUP BY COORDINATOR_ID;

SELECT COORDINATOR_ID ,SUM(STIPEND),COUNT(*) FROM STUDENTS GROUP BY COORDINATOR_ID;

YOU CANT ONE MORE NON AGG FUNCTION

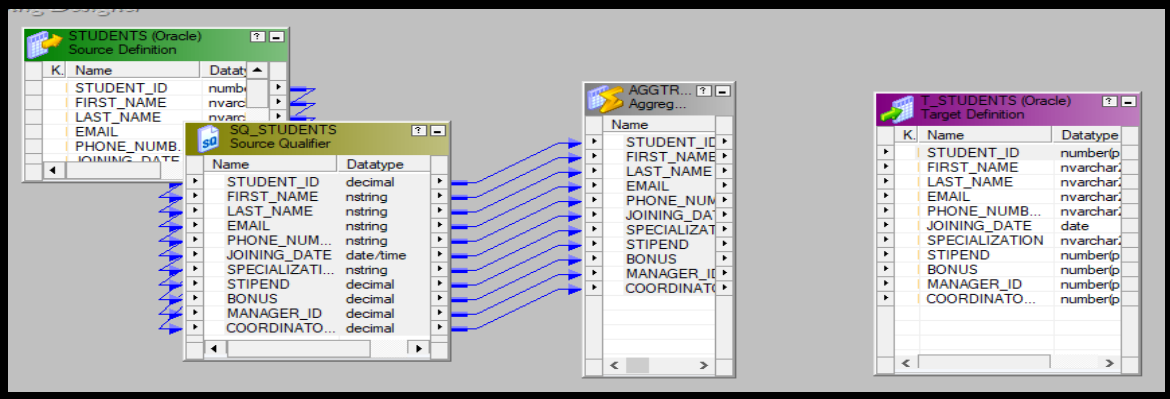
YOU NEED TO PUT AFTER THE GROUP

Create a mapping

>>SORTING

>>AGGREGATIO

LETS CREATE A MAPPING DOUBLE CLICK ON AGGREGATOR GO TO PROPERTIES



Edit Transformations

Transformation | Ports | Properties | Metadata Extensions

Select transformation: AGGTRANS

Transformation type: Aggregator

Transformation Attribute	Value
Cache Directory	$PMCacheDir
Tracing Level	Normal
Sorted Input	☐
Aggregator Data Cache Size	Auto
Aggregator Index Cache Size	Auto
Transformation Scope	All Input

CHACHE DIRECTORY >> THAT IS WHAT IT WILL MAKING THE CACHING

DATA CACHE >> DATA WILL BE STORED IN DATA CACHE

BOTH AGG DATA & AGG INDEX INFORMATICA WILL TAKE CARE

IT WILL AUTOMATICALLY CREATE THE CACHE MEMNORY IN FUTURE IF THE RECORD OR VOLUME IS INCREASING THAN IT WILL TAKE CARE AUTOMATICALLY

GO FOR MAX STIPEND

ect transformation: AGGTRANS

nsformation type: Aggregator

Port Name	Datatype	Prec	Scale	I	O	V	Expression	GroupBy
STUDENT_ID	decimal	6	0	☑	☑	☐	STUDENT_ID	☐
FIRST_NAME	nstring	20	0	☑	☑	☐	FIRST_NAME	☐
LAST_NAME	nstring	25	0	☑	☑	☐	LAST_NAME	☐
EMAIL	nstring	25	0	☑	☑	☐	EMAIL	☐
PHONE_NUMBER	nstring	20	0	☑	☑	☐	PHONE_NUMBER	☐
JOINING_DATE	date/time	29	9	☑	☑	☐	JOINING_DATE	☐
SPECIALIZATION	nstring	20	0	☑	☑	☐	SPECIALIZATION	☐
STIPEND	decimal	10	2	☑	☐	☐		☐
SUM_STIPEND	decimal	10	2	☐	☑	☐	SUM(STIPEND)	☐
BONUS	decimal	10	2	☑	☑	☐	BONUS	☐
MANAGER_ID	decimal	6	0	☑	☑	☐	MANAGER_ID	☐
COORDINATOR_ID	decimal	10	0	☑	☑	☐	COORDINATOR_ID	☐

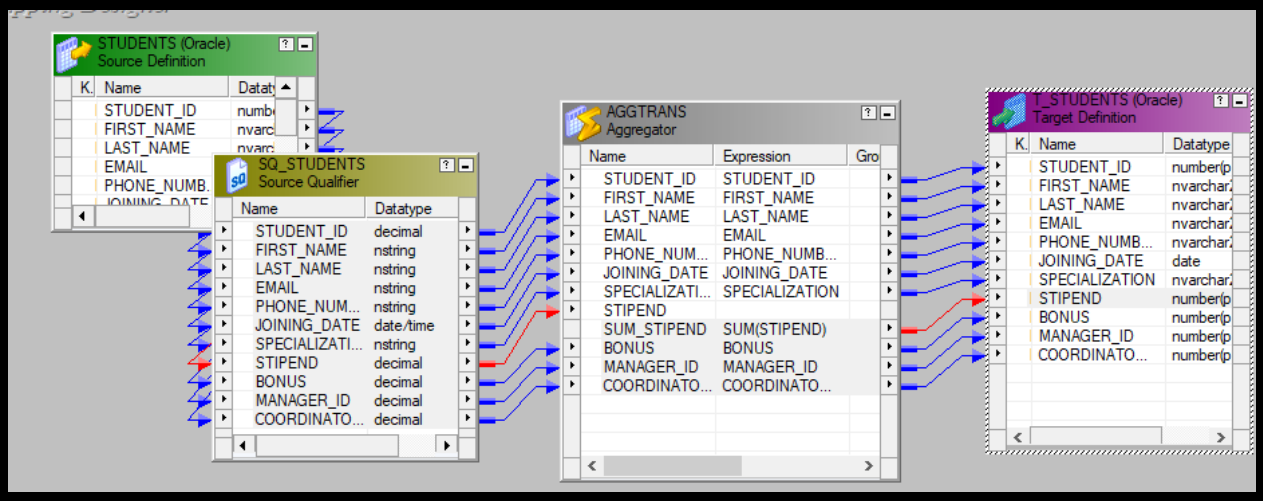
SELECT SUM(STIPEND) FROM STUDENTS;

SQL | All Rows

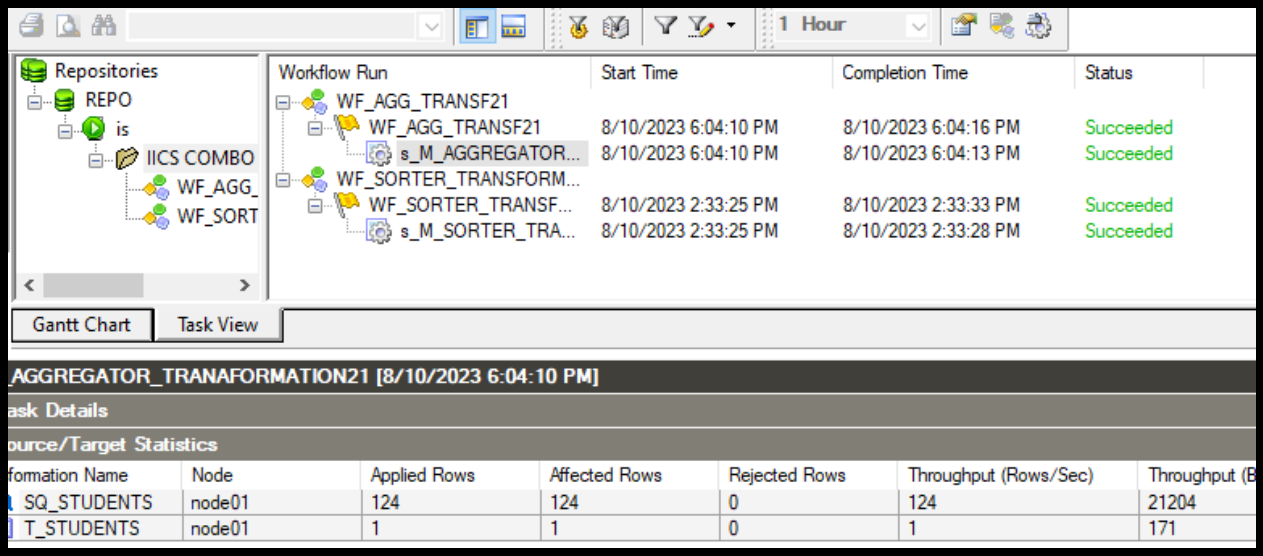
	SUM(STIPEND)
1	747016

WHERE IT WILL SHOW IN POWER CENTER ??

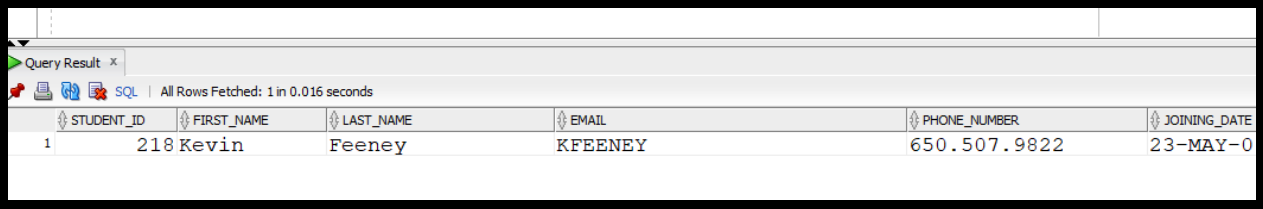
IN THE LAST ROW



SELECT BACK TRACK FROM TARGET (RIGHT CLICK AT LINK PATH)



EVEN IT IS EN NO OF RECORD IT WILL RECEIVE ONLY ONE RECORD ,



INSTAED OF THIS KEVIN SALARY YOU ARE GETTING SUM OF SALARY

IF YOU ENABLE THE GROUP BY OF SPECIALIZATION

ect transformation: AGGTRANS

nsformation type: Aggregator

Port Name	Datatype	Prec	Scale	I	O	V	Expression	GroupBy
STUDENT_ID	decimal	6	0	☑	☑	☐	STUDENT_ID	☐
FIRST_NAME	nstring	20	0	☑	☑	☐	FIRST_NAME	☐
LAST_NAME	nstring	25	0	☑	☑	☐	LAST_NAME	☐
EMAIL	nstring	25	0	☑	☑	☐	EMAIL	☐
PHONE_NUMBER	nstring	20	0	☑	☑	☐	PHONE_NUMBER	☐
JOINING_DATE	date/time	29	9	☑	☑	☐	JOINING_DATE	☐
SPECIALIZATION	nstring	20	0	☑	☑	☐	SPECIALIZATION	☑
STIPEND	decimal	10	2	☑	☐	☐		☐
SUM_STIPEND	decimal	10	2	☐	☑	☐	SUM(STIPEND)	☐
BONUS	decimal	10	2	☑	☑	☐	BONUS	☐
MANAGER_ID	decimal	6	0	☑	☑	☐	MANAGER_ID	☐
COORDINATOR_ID	decimal	10	0	☑	☑	☐	COORDINATOR_ID	☐

IT WILL GIVE 7 RECORDS

Worksheet | Query Builder

```
SELECT * FROM T_STUDENTS;
```

Query Result

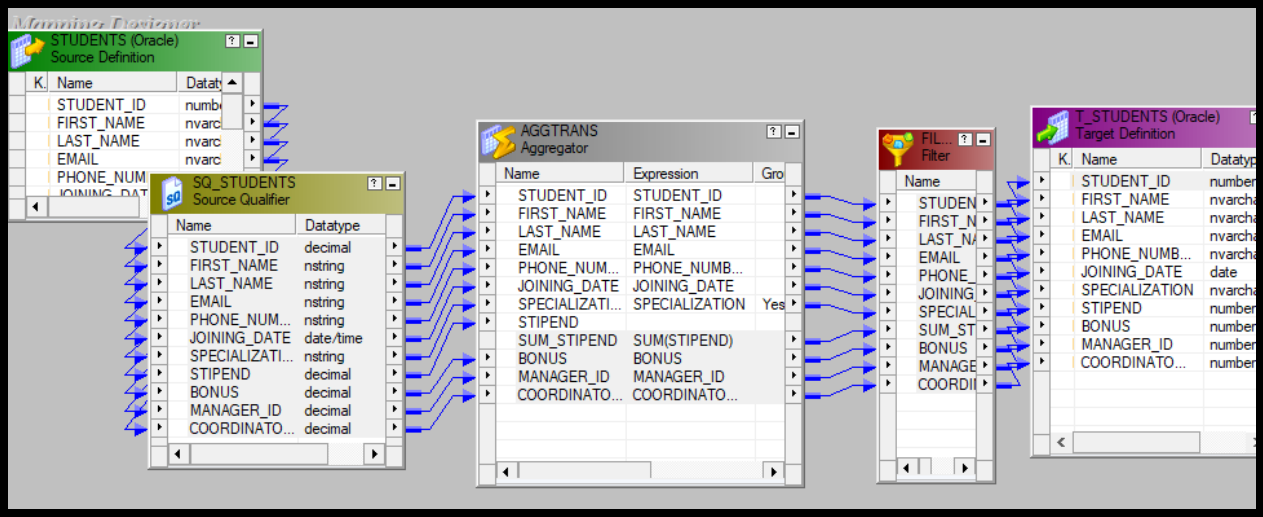
SQL | All Rows Fetched: 7 in 0.005 seconds

	PHONE_NUMBER	JOINING_DATE	SPECIALIZATION	STIPEND	BONUS	MANA	ER_ID
1	650.127.1634	06-FEB-08	IICS	44300	(null)		122
2	650.123.2234	10-APR-05	IICSCOMBO	179508	(null)		100
3	515.123.8181	07-JUN-02	POWERBI	81408	(null)		205
4	011.44.1344.129268	30-JAN-05	POWERCENTER	102600	0.3		145
5	650.501.1876	04-FEB-04	SSIS	93100	(null)		123
6	650.507.9822	23-MAY-06	TABLUE	55600	(null)		124
7	011.44.1343.329268	21-APR-08	TALEND	190500	0.1		148

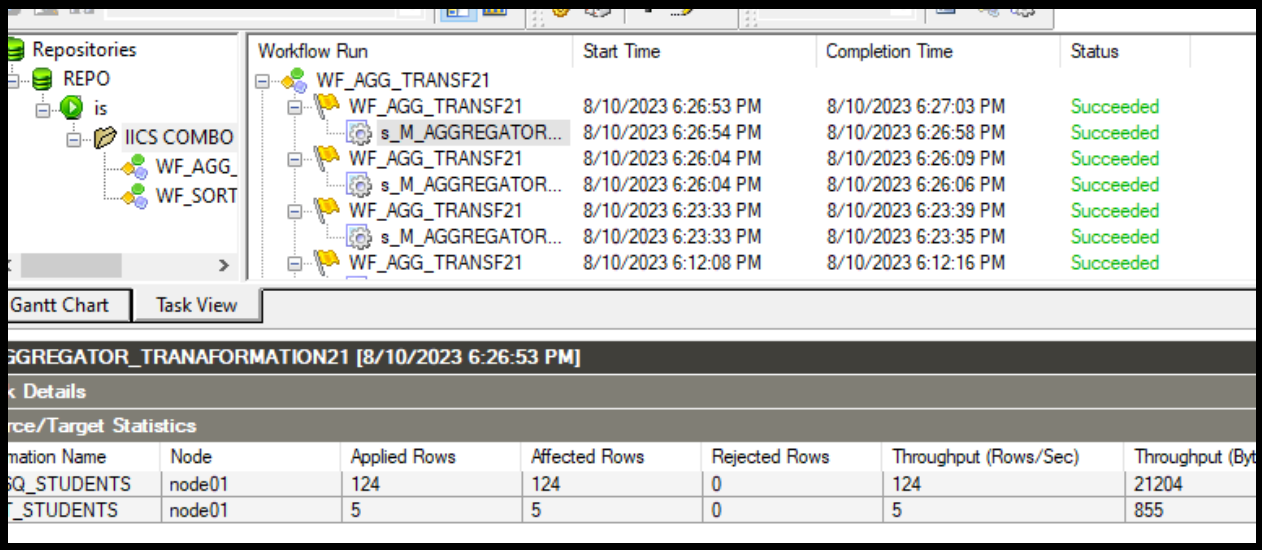
7 DIFFRENET SPECIALIZATION SEVEN RECORDS

HOW TO USE HAVING CLAUSE ?

ADD A FILTER AFTER AGGREAGATOR



SUM_STIPEND > 60000 SPECIALIZATION WISE

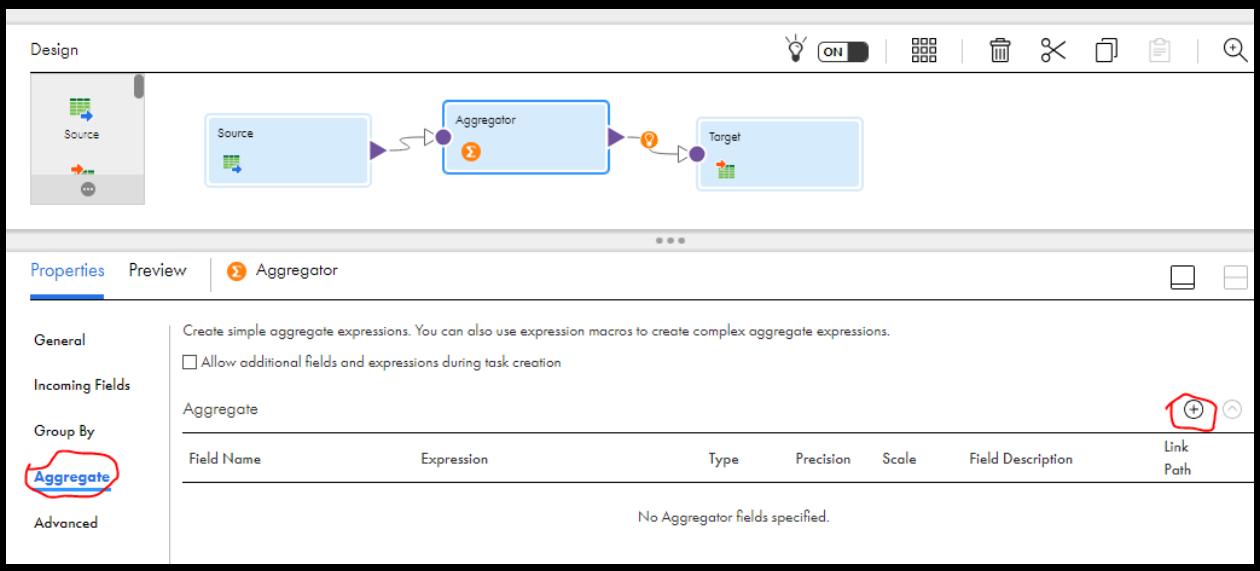


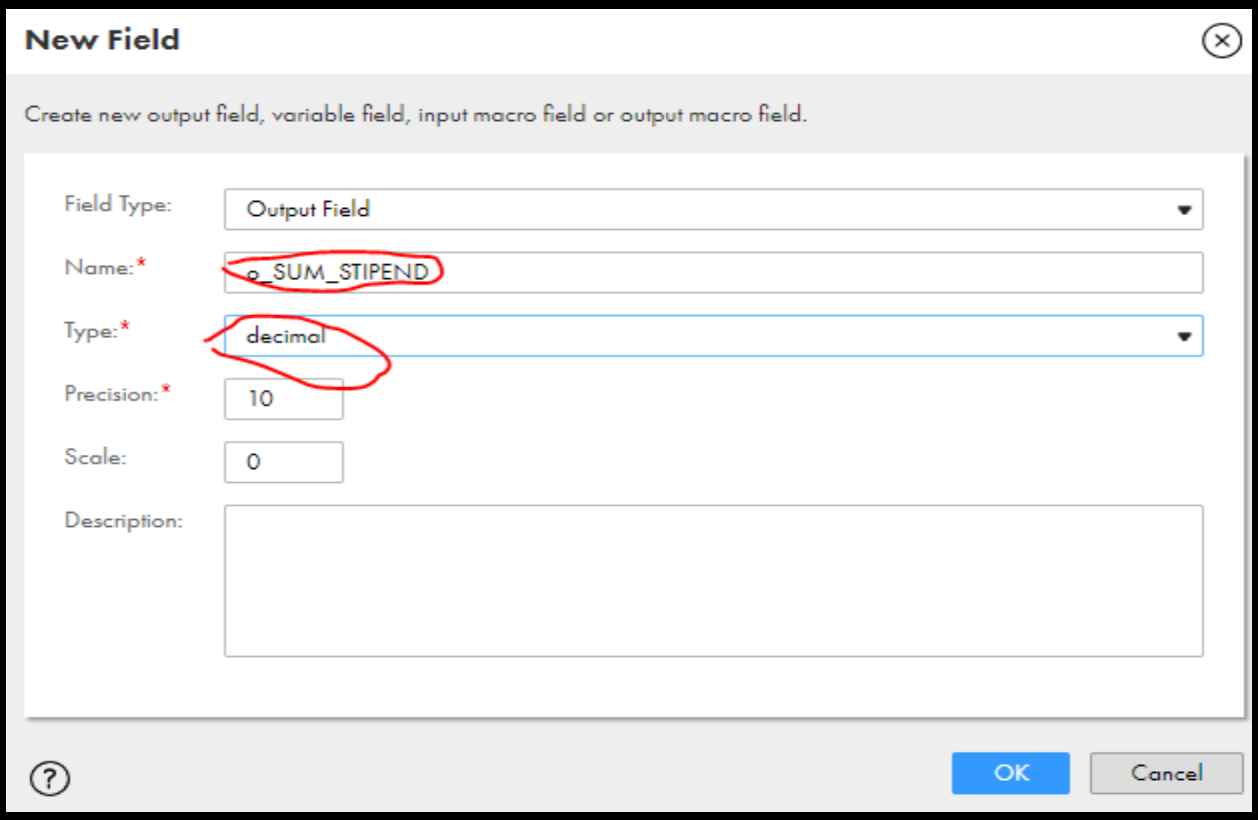
You can add sorter transformation before agg

You should enable sorted input

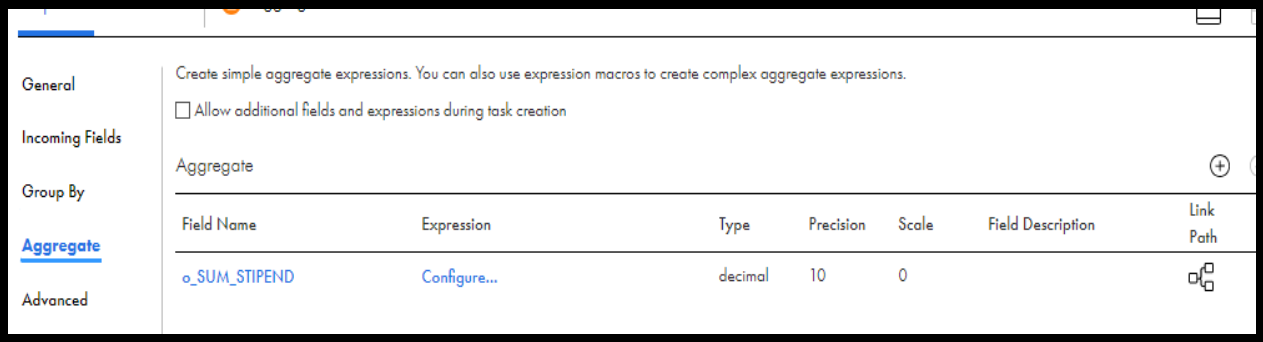
If not given sorter it will fail

LET US DO THE SAME IN IICS PLATFORM

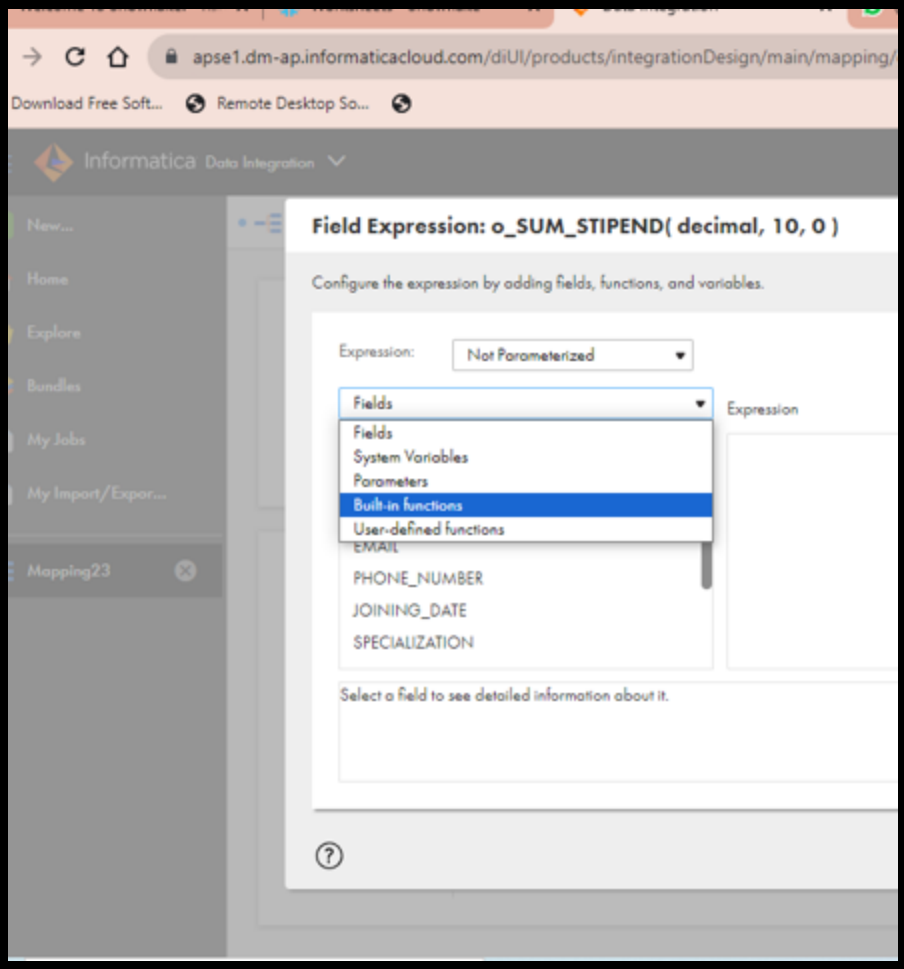


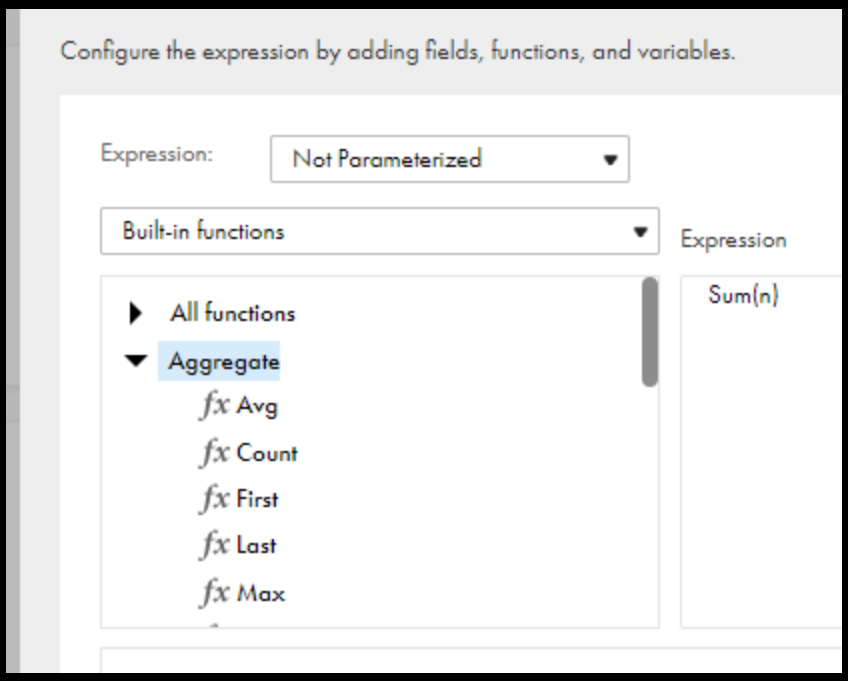


CLICK ON CONFUGURE



IT IS LIKE EXPRESSION TRANSFORMATION





THIS AGGREGATOR IS NOT AVAILABLE IN EXPRESSION