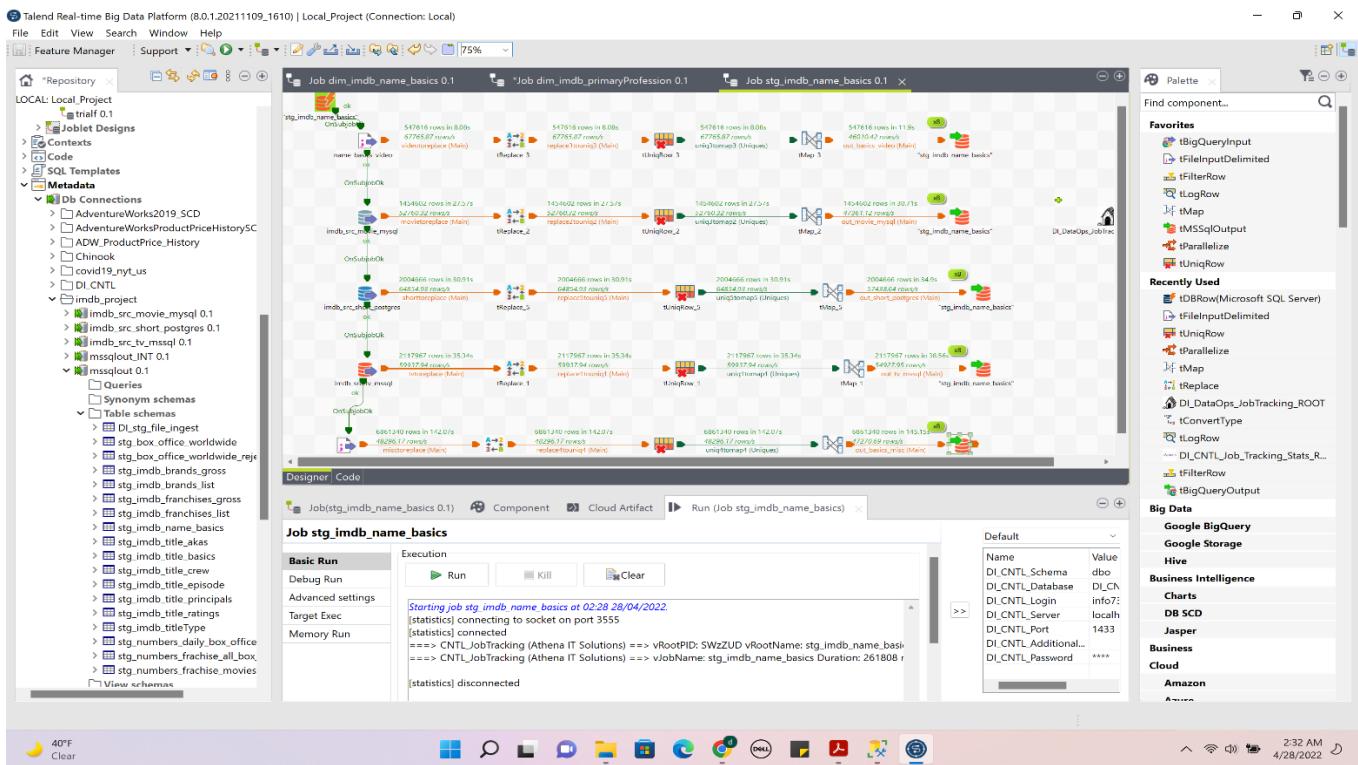
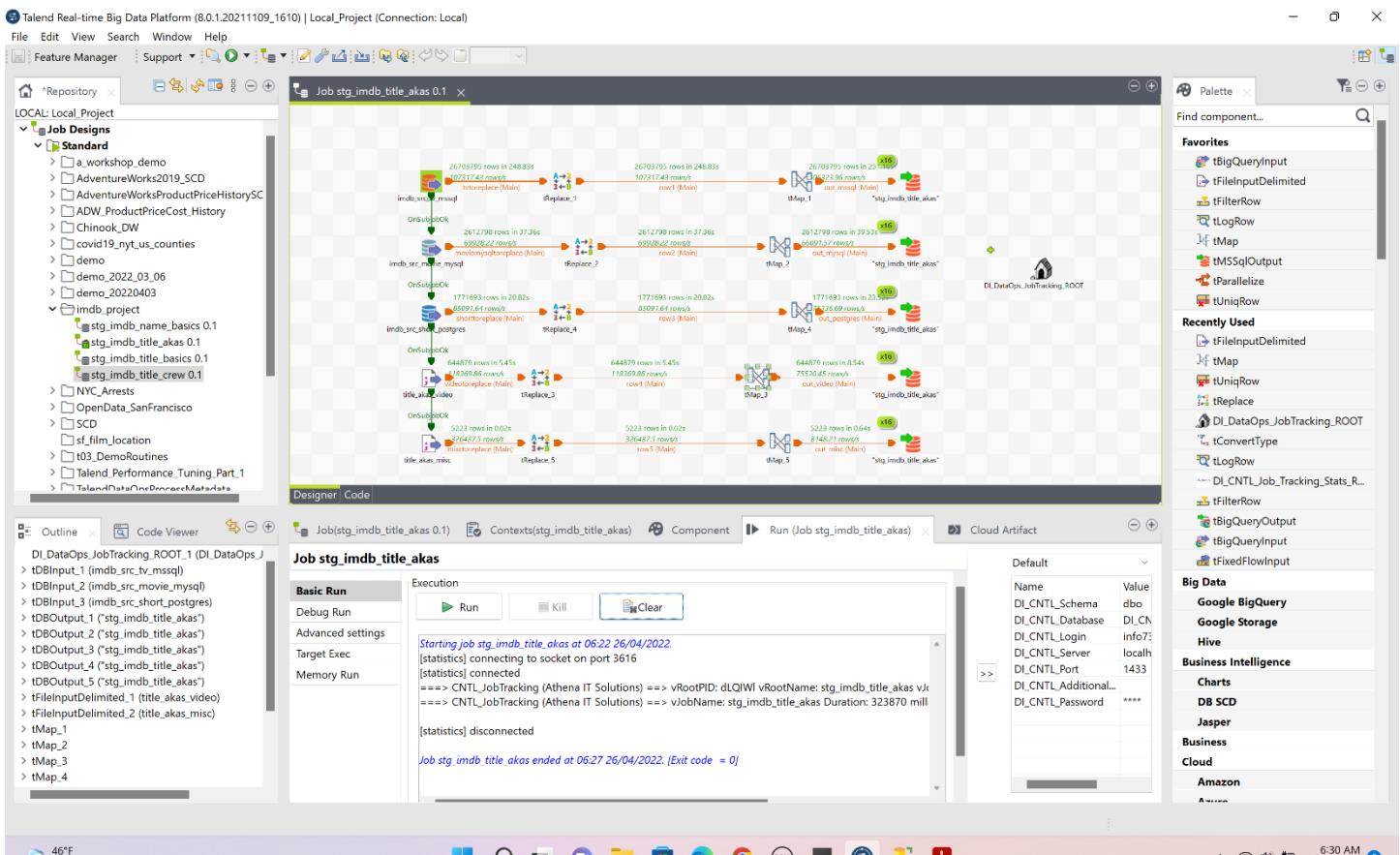
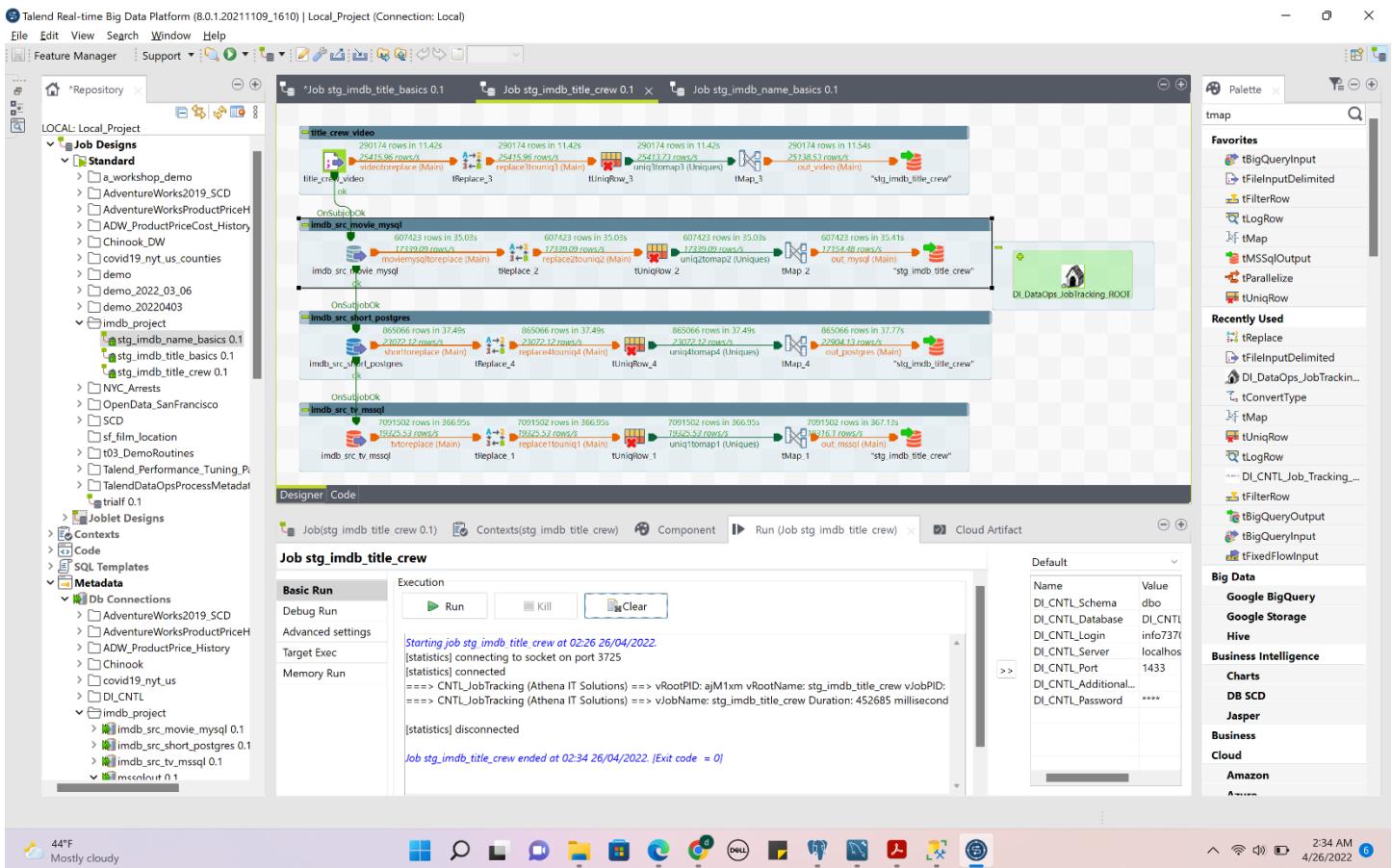
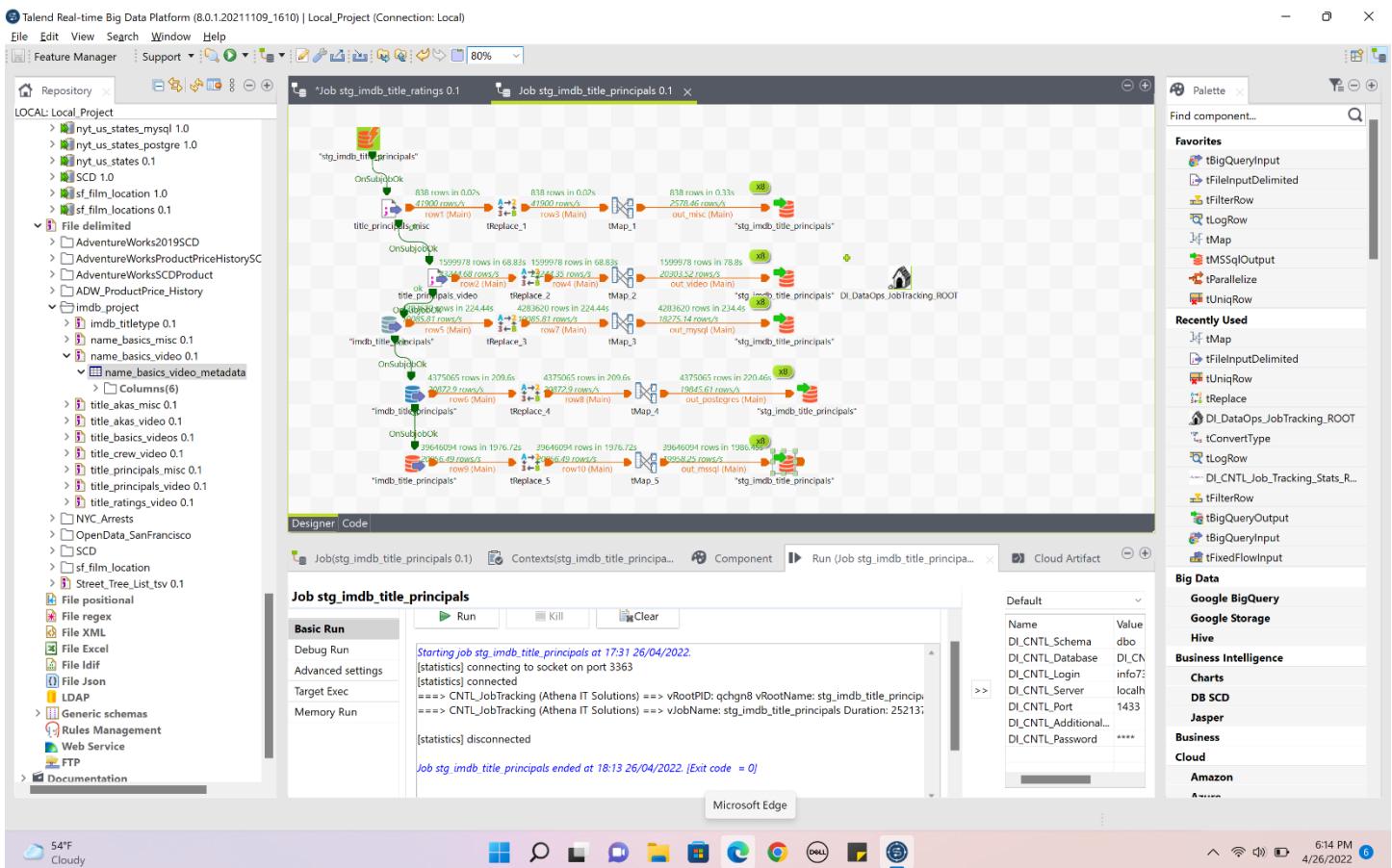
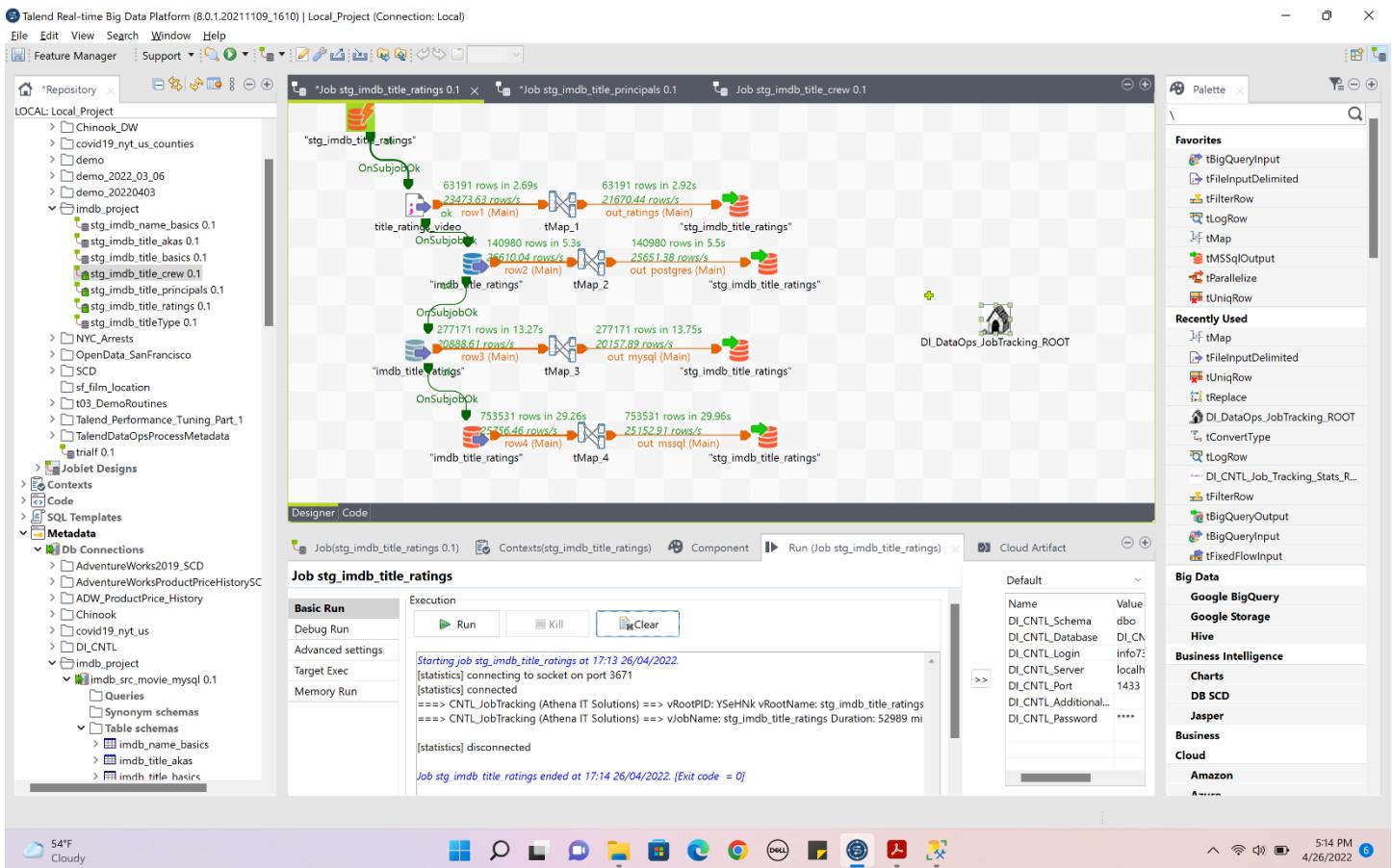


# Project IMDB

## Staging –







The screenshot displays the Talend Real-time Big Data Platform interface. The main workspace shows a complex ETL job titled "Job stg\_imdb\_title\_ratings 0.1". This job involves multiple data sources (e.g., "stg\_imdb\_title\_ratings", "imdb.title\_ratings", "imdb.title.attags") and various processing steps (tMap components) to output data to different databases (PostgreSQL, MySQL, MSSQL). The "Designer" tab is active, showing the visual flow of data. The "Code" tab is also visible, displaying the corresponding Talend job code. On the left, the "Repository" sidebar lists local projects and contexts. The bottom navigation bar includes tabs for "Job(stg\_imdb\_title\_ratings 0.1)", "Contexts(stg\_imdb\_title\_ratings)", "Component", "Run (Job stg\_imdb\_title\_ratings)", and "Cloud Artifact". The right side features a "Palette" with various Talend components and a "Favorites" section listing common connectors like tBigQueryInput, tfileInputDelimited, and tReplace.

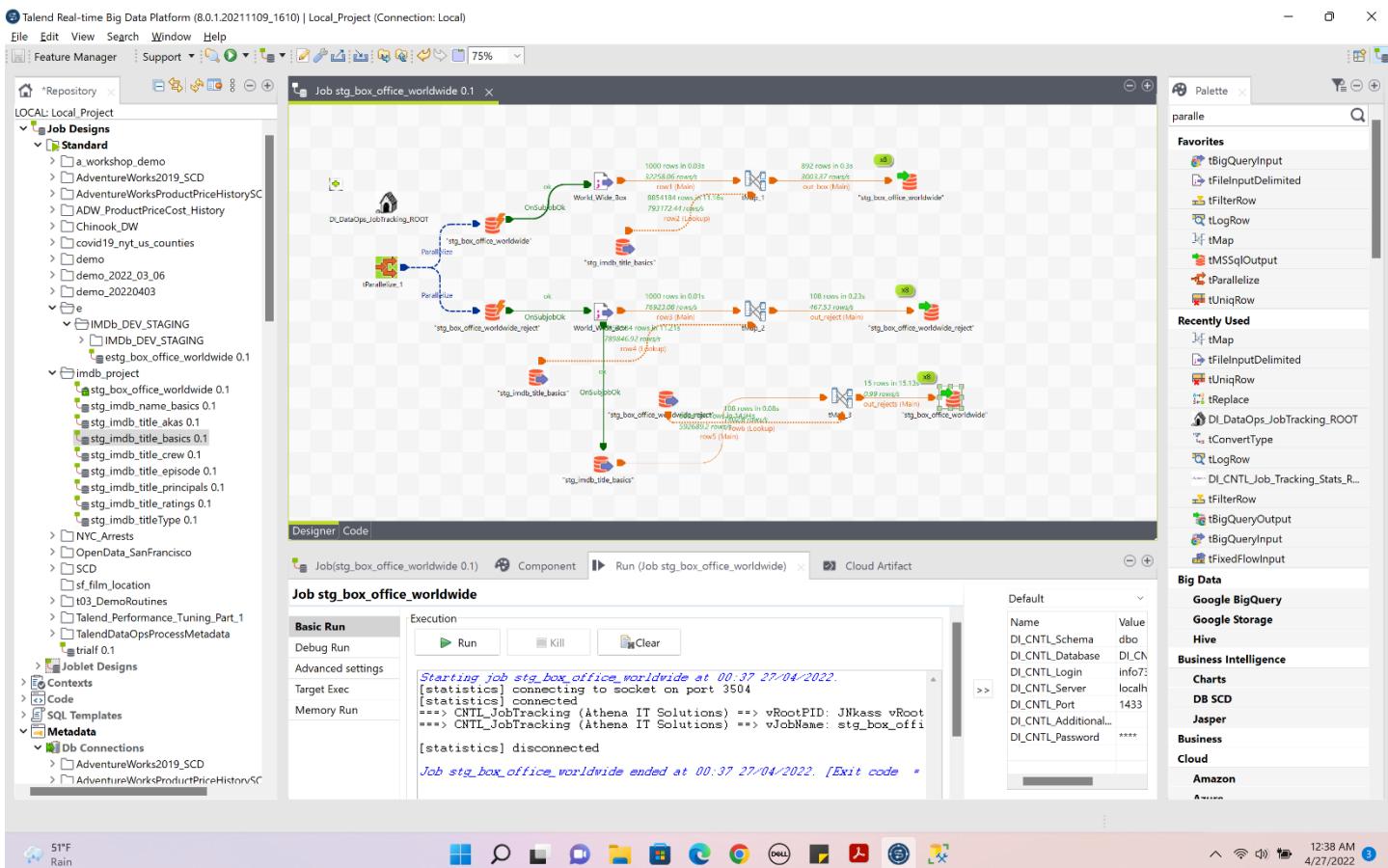
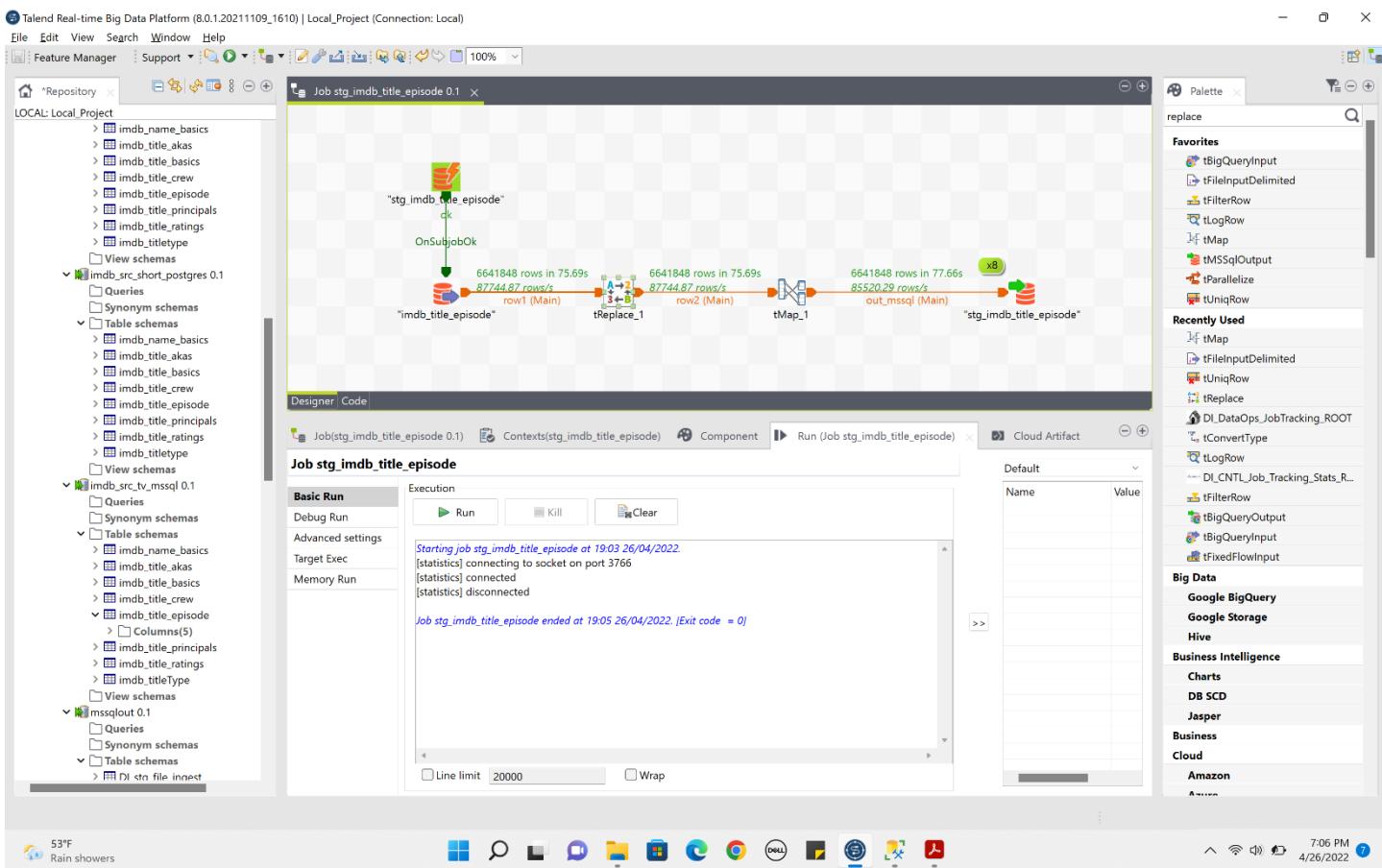
Talend Real-time Big Data Platform (8.0.1.20211109\_1610) | Local\_Project (Connection: Local)

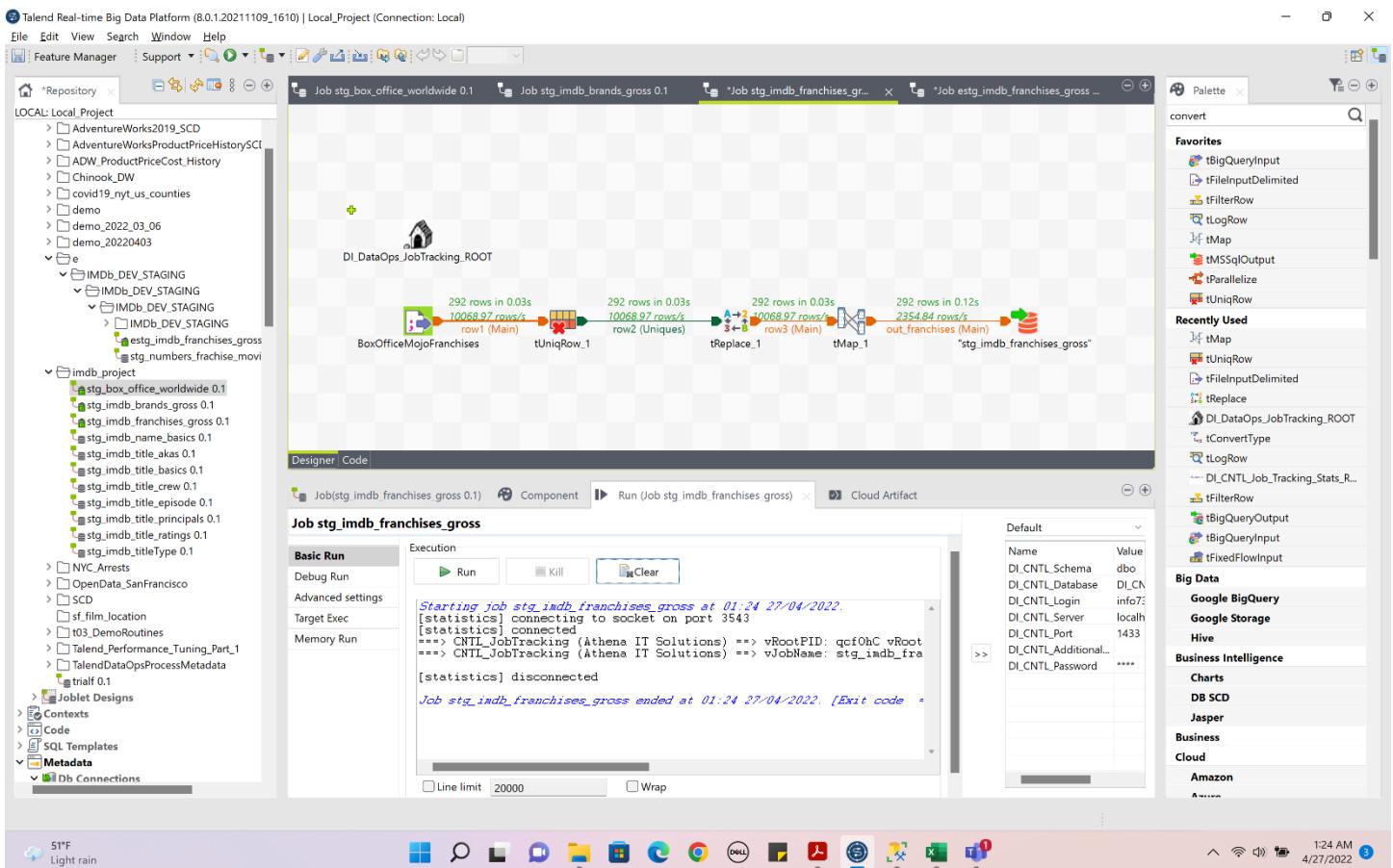
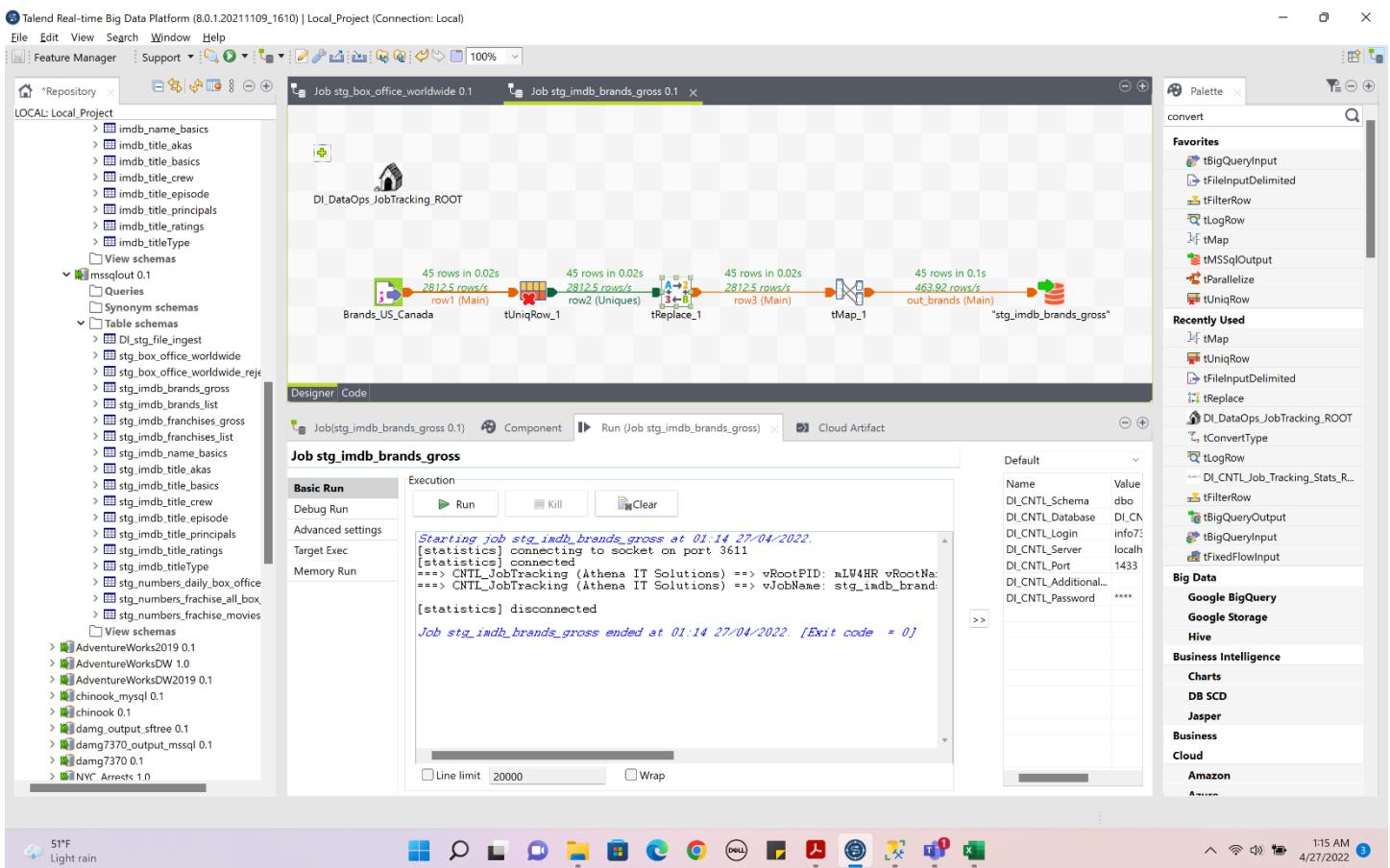
File Edit View Search Window Help

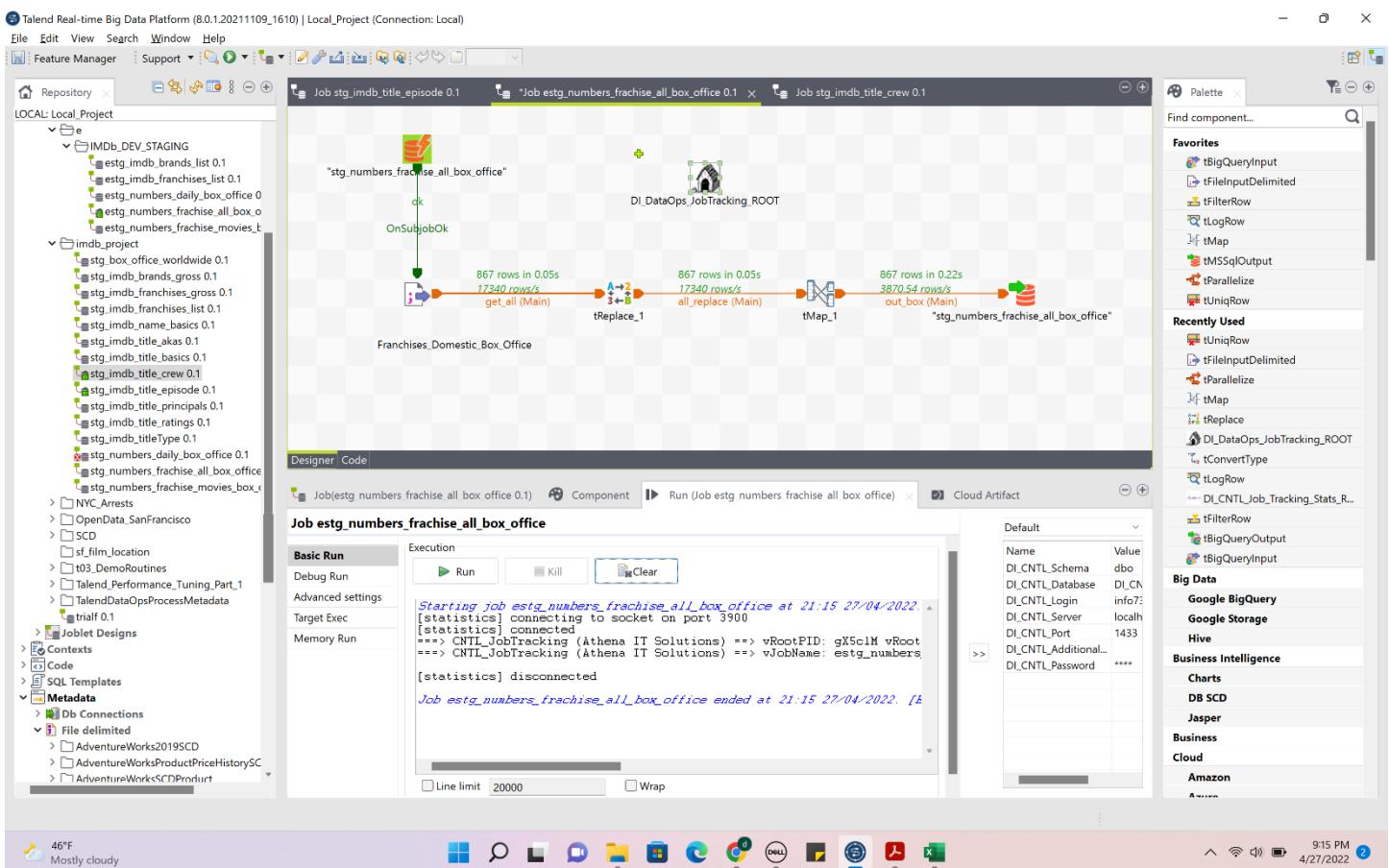
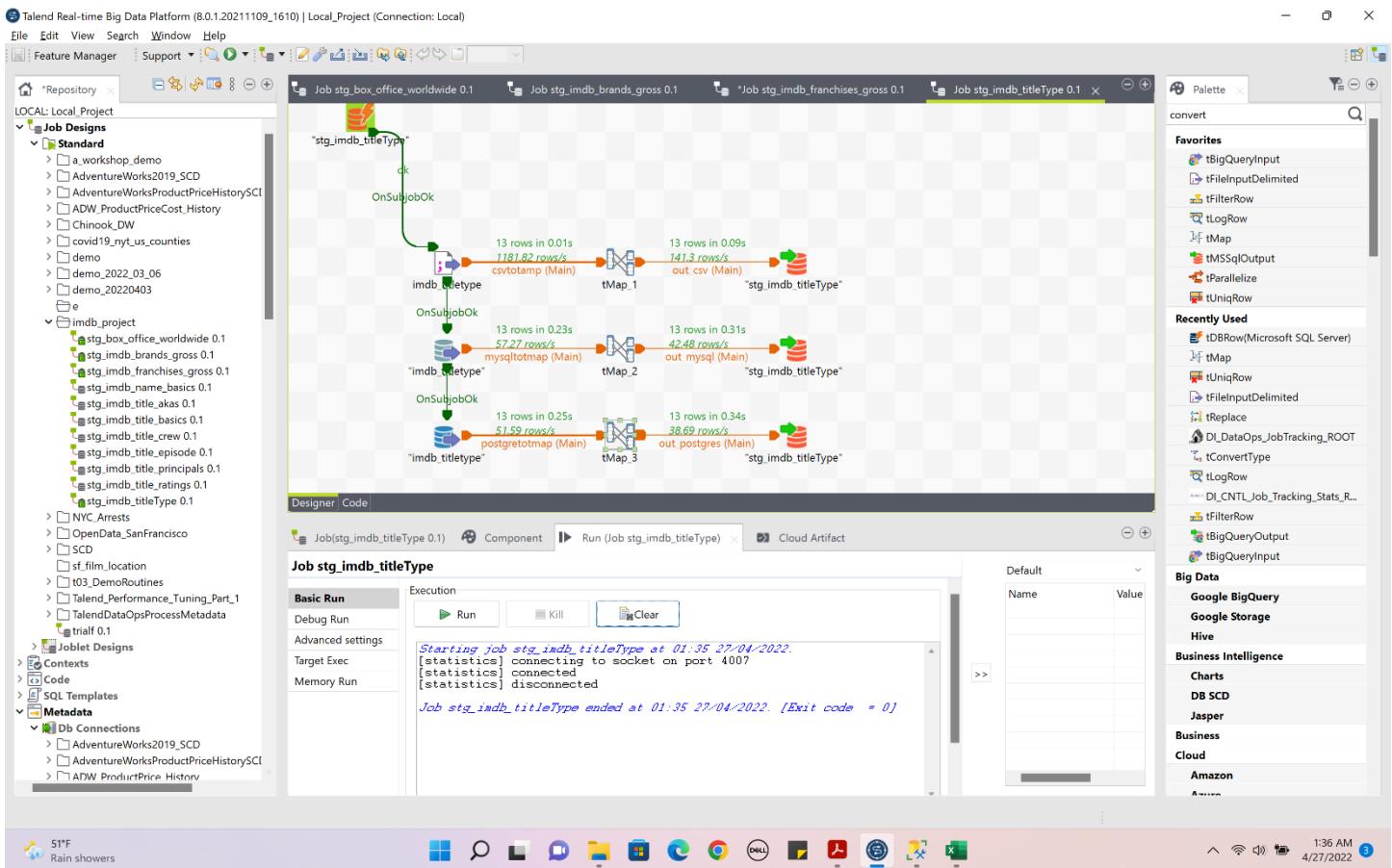
Repository Feature Manager Support 80% +

LOCAL: Local\_Project

- Chinook\_DW
- covid19\_nyt\_us\_counties
- demo
- demo\_2022\_03\_06
- demo\_20220403
- imdb project
  - stg\_imdb\_name\_basics 0.1
  - stg\_imdb\_title\_akas 0.1
  - stg\_imdb\_title\_basics 0.1
  - stg\_imdb\_title\_crew 0.1
  - stg\_imdb\_title\_episode 0.1
  - stg\_imdb\_title\_principals 0.1
  - stg\_imdb\_title\_ratings 0.1
  - stg\_imdb\_title\_type 0.1
- NYC\_Arrests
- OpenData\_SanFrancisco
- SCD
  - sf\_film\_location
- t03\_DemoRoutines
- Talend\_Performance\_Tuning\_Part\_1
- Talend\_DataOpsProcessMetadata
- trialf\_0.1
- Jobject Designs
- Contexts
- Code
- SQL Templates
- Metadata
  - Db Connections
    - AdventureWorks2019\_SCD
    - AdventureWorksProductPriceHistorySC
    - ADW\_ProductPrice\_History
    - Chinook
    - covid19\_nyt\_us
    - DL\_CNTL
  - imdb project
    - imdb\_src\_movie\_mysql 0.1
      - Queries
      - Synonym schemas
      - Table schemas
        - imdb\_name\_basics
        - imdb\_title\_akas







Talend Real-time Big Data Platform (8.0.1.20211109\_1610) | Local\_Project (Connection: Local)

File Edit View Search Window Help

Feature Manager Support Find component... Favorites

Repository Job stg\_numbers\_daily\_box\_office 0.1

Job stg\_numbers\_daily\_box\_office 0.1

Designer | Code

Job(stg numbers daily box office 0.1) Component Run (Job stg numbers daily box office) Cloud Artifact

Job stg\_numbers\_daily\_box\_office

Basic Run Execution

- Run
- Kill
- Clear

```

Starting job stg_numbers_daily_box_office at 22:20 27/04/2022.
[statistics] connecting to socket on port 3754
[statistics] connected
>>> CNTL_JobTracking (Athena IT Solutions) >> vRootPID: 99uvSk vRoot
>>> CNTL_JobTracking (Athena IT Solutions) >> vJobName: stg_numbers_
[statistics] disconnected
Job stg_numbers_daily_box_office ended at 22:20 27/04/2022. [Exit code

```

Default

Name	Value
DL_CNTL_Schema	dbo
DL_CNTL_Database	DL_CN
DL_CNTL_Login	info75
DL_CNTL_Server	localhost
DL_CNTL_Port	1433
DL_CNTL_Additional...	****
DL_CNTL_Password	*****

44°F Partly cloudy 10:21 PM 4/27/2022

Talend Real-time Big Data Platform (8.0.1.20211109\_1610) | Local\_Project (Connection: Local)

File Edit View Search Window Help

Feature Manager Support Find component... Favorites

Repository Job stg\_numbers\_franchise\_movies\_box\_office 0.1

Job stg\_numbers\_franchise\_movies\_box\_office 0.1

Designer | Code

Job(stg\_numbers\_franchise\_movies\_box\_office 0.1) Component Run (Job stg\_numbers\_franchise\_movies\_box\_office) Cloud Artifact

Job stg\_numbers\_franchise\_movies\_box\_office

Basic Run Execution

- Run
- Kill
- Clear

```

Starting job stg_numbers_franchise_movies_box_office at 22:35 27/04/2022.
[statistics] connecting to socket on port 3424
[statistics] connected
>>> CNTL_JobTracking (Athena IT Solutions) >> vRootPID: cVdi3e vRootNa
>>> CNTL_JobTracking (Athena IT Solutions) >> vJobName: stg_numbers_fr
[statistics] disconnected
Job stg_numbers_franchise_movies_box_office ended at 22:35 27/04/2022. [E

```

Default

Name	Value
DL_CNTL_Schema	dbo
DL_CNTL_Database	DL_CN
DL_CNTL_Login	info75
DL_CNTL_Server	localhost
DL_CNTL_Port	1433
DL_CNTL_Additional...	****
DL_CNTL_Password	*****

44°F Partly cloudy 10:35 PM 4/27/2022

Talend Real-time Big Data Platform (8.0.1.20211109\_1610) | Local\_Project (Connection: Local)

File Edit View Search Window Help

Feature Manager Support Find component...

**Repository**

LOCAL: Local\_Project

- Job Designs
  - > Standard
  - > Jobject Designs
- Contexts
- > Code
  - Global Routines
  - ConvertingToDate 0.1
  - DemoRoutines 0.1
  - GetRandomPhoneNum 0.1
  - system
    - DataOperation 0.1
    - Mathematical 0.1
    - Numeric 0.1
    - Relational 0.1
    - SQLLike 0.1
    - StringHandling 0.1
    - TalendDataGenerator 0.1
    - TalendDate 0.1
    - TalendString 0.1
    - TalendStringUtil 0.1
  - Custom Routine Jars
- SQL Templates
- Metadata
- Documentation
- Recycle bin

**Job stg\_imdb\_franchises\_list 0.1**

**Designer: Code**

Job(stg\_imdb\_franchises\_list 0.1) Component Cloud Artifact

**Job stg\_imdb\_franchises\_list**

**Basic Run**

Execution

- Run
- Kill
- Clear

```
Starting job stg_imdb_franchises_list at 00:41 28/04/2022.
[statistics] connecting to socket on port 3534
[statistics] connected
====> CNTL_JobTracking (Athena IT Solutions) ==> vRootPID: ztC4ET vRootName: stg_imdb_franchises_list
====> CNTL_JobTracking (Athena IT Solutions) ==> vJobName: stg_imdb_franchises_list Duration: 1264 m
[statistics] disconnected
Job stg_imdb_franchises_list ended at 00:41 28/04/2022. [Exit code = 0]
```

**Default**

Name	Value
DL_CNTL_Schema	dbo
DL_CNTL_Database	DL_CN
DL_CNTL_Login	info73
DL_CNTL_Server	localhost
DL_CNTL_Port	1433
DL_CNTL_Additional...	****
DL_CNTL_Password	*****

42°F Mostly cloudy 12:42 AM 4/28/2022

Talend Real-time Big Data Platform (8.0.1.20211109\_1610) | Local\_Project (Connection: Local)

File Edit View Search Window Help

Feature Manager Support Find component...

**Repository**

LOCAL: Local\_Project

- Job Designs
  - > Standard
  - > AdventureWorks2019\_SCD
  - > AdventureWorksProductPriceHistorySC
  - > ADW\_PeriodCost\_Pct\_History
  - > Chinook\_DW
  - > covid19\_nyt\_us\_counties
  - > demo
  - > demo\_2022\_03\_06
  - > demo\_20220403
  - e
  - > imbd\_project
    - stg\_box\_office\_worldwide 0.1
    - stg\_imdb\_brands\_gross 0.1
    - stg\_imdb\_brands\_list 0.1
    - stg\_imdb\_franchises\_gross 0.1
    - stg\_imdb\_franchises\_list 0.1
    - stg\_imdb\_name\_basics 0.1
    - stg\_imdb\_title\_akas 0.1
    - stg\_imdb\_title\_basics 0.1
    - stg\_imdb\_title\_crew 0.1
    - stg\_imdb\_title\_episode 0.1
    - stg\_imdb\_title\_principals 0.1
    - stg\_imdb\_title\_ratings 0.1
    - stg\_imdb\_titleType 0.1
    - stg\_numbers\_daily\_box\_office 0.1
    - stg\_numbers\_franchise\_all\_box\_office
    - stg\_numbers\_franchise\_movies\_box\_office
  - > NYC\_Arrests
  - > OpenData\_SanFrancisco
  - > SCD
  - > sf\_film\_location
  - > t03\_DemoRoutines
  - > Talend\_Performance\_Tuning\_Part\_1
  - > TalendDataOpsProcessMetadata
  - > trialf 0.1
  - > Jobject Designs
  - Contexts
  - > Code
  - SQL Templates

**Job stg\_imdb\_brands\_list 0.1**

**Designer: Code**

Job(stg\_imdb\_brands\_list 0.1) Component Cloud Artifact

**Job stg\_imdb\_brands\_list**

**Basic Run**

Execution

  - Run
  - Kill
  - Clear

```
Starting job stg_imdb_brands_list at 01:08 28/04/2022.
[statistics] connecting to socket on port 3338
[statistics] connected
====> CNTL_JobTracking (Athena IT Solutions) ==> vRootPID: xe1dka vRootName: stg_imdb_brands_list
====> CNTL_JobTracking (Athena IT Solutions) ==> vJobName: stg_imdb_brands_list Duration: 1257 millis
[statistics] disconnected
Job stg_imdb_brands_list ended at 01:08 28/04/2022. [Exit code = 0]
```

**Default**

Name	Value
DL_CNTL_Schema	dbo
DL_CNTL_Database	DL_CN
DL_CNTL_Login	info73
DL_CNTL_Server	localhost
DL_CNTL_Port	1433
DL_CNTL_Additional...	****
DL_CNTL_Password	*****

42°F Mostly cloudy 1:08 AM 4/28/2022

File Edit View Search Window Help

Feature Manager Support

Repository Job stg\_imdb\_title\_akas 0.1

LOCAL: Local\_Project

- ADW\_ProductPrice\_History
- Chinook
- covid19.nyt.us
- DL\_CNTL
- imdb\_project
  - imdb\_src\_movie\_mysql 0.1
  - imdb\_src\_short\_postgres 0.1
  - imdb\_src\_tv\_mssql 0.1
- imsqlout 0.1
  - Queries
  - Synonym schemas
  - Table schemas
    - DL\_stg\_file\_ingest
    - stg\_box\_office\_worldwide
    - stg\_box\_office\_worldwide\_rej
    - stg\_imdb\_brands\_gross
    - stg\_imdb\_brands\_list
    - stg\_imdb\_franchises\_gross
    - stg\_imdb\_franchises\_list
    - stg\_imdb\_name\_basics
    - stg\_imdb\_title\_akas
    - stg\_imdb\_title\_basics
    - stg\_imdb\_title\_crew
    - stg\_imdb\_title\_episode
    - stg\_imdb\_title\_principals
    - stg\_imdb\_title\_ratings
    - stg\_imdb\_title\_type
    - stg\_numbers.daily\_box\_office
    - stg\_numbers.franchise\_all\_box
    - stg\_numbers.franchise\_movies
  - View schemas
- AdventureWorks2019 0.1
- AdventureWorksDW 1.0
- AdventureWorksDW2019 0.1
- chinook
- chinook 0.1
- damg\_output\_sftree 0.1
- damg7370.output.mysql 0.1
- damg7370 0.1
- NYC\_Arrests 1.0
- us\_states.mysql 1.0

Designer Code

Job(stg\_imdb.title\_akas 0.1) Component Cloud Artifact Run (Job stg\_imdb.title\_akas)

**Job stg\_imdb.title\_akas**

**Basic Run**

Execution

Run Kill Clear

```
Starting job stg_imdb.title_akas at 01:28 28/04/2022.
[statistics] connecting to socket on port 3361
[statistics] connected
====> CNTL_JobTracking (Athena IT Solutions) ==> vRootPID: jddUmo vRoot
====> CNTL_JobTracking (Athena IT Solutions) ==> vJobName: stg_imdb_tit
[statistics] disconnected
Job stg_imdb.title_akas ended at 01:33 28/04/2022. [Exit code = 0]
```

**Default**

Name	Value
DL_CNTL_Schema	dbo
DL_CNTL_Database	DI_CN
DL_CNTL_Login	info73
DL_CNTL_Server	localhost
DL_CNTL_Port	1433
DL_CNTL_Additional...	
DL_CNTL_Password	*****

**Palette**

Find component...

Favorites

- tBigQueryInput
- tFileInputDelimited
- tFilterRow
- tLogRow
- tMap
- tMSqlOutput
- tParallelize
- tUniqRow

Recently Used

- tDBRow(Microsoft SQL Server)
- tFileInputDelimited
- tUniqRow
- tParallelize
- tMap
- tReplace
- DL\_DataOps\_JobTracking\_ROOT
- tConvertType
- tLogRow
- DL\_CNTL\_Job\_Tracking\_Stats\_R...
- tFilterRow
- tBigQueryOutput