# Distribution center (DC) Validation

1. **Monitor and Validate the Daily Load for each DC (Distribution Center):**

<https://unfisc.atlassian.net/browse/SDS-56>

Above is the ticket number for Monitoring and validating the DC.

Below steps are performed for validation.

1. Validate whether the DMS task for DC is succeeded.
2. Validate whether the Orchestration Step function for DC is succeeded.
3. Validate whether the data is loaded to PRODUCTION environment redshift data base.
4. validate table\_name and row count at DMS and Redshift respectively.
5. Validate whether the Dimension data is loaded to base, base\_hist.
6. Validate whether the facts are loaded to stage\_hist
7. Validate whether the staging schema contains both dimension and fact tables.
8. **Update snapshot logic:**

In this ticket we need to verify whether the active records are loaded from base\_hist to base.

Below is one example to compare the base\_hist and base we need to confirm that the counts are matching.

Base\_hist:

SELECT

    count(\*)

FROM

    "unfi\_edw\_main\_prod"."sae\_sp\_atn\_hist"."user\_hist" where dbt\_valid\_to is NULL;

Base:

SELECT

    count(\*)

FROM

    "unfi\_edw\_main\_prod"."sae\_sp\_atn"."user";

1. **Update DC time zone reference in DBT SAE repository Seed for reporting**

<https://unfisc.atlassian.net/browse/SDS-2>

In this ticket we need to validate whether the UNION is happening for all the below mentioned views with DC. And also validate reference time zone is present for each DC.

**Exception**:

SELECT count(\*) FROM "unfi\_edw\_main\_prod"."sae\_reporting"."exception" where dc\_code='DC';

**Activity**:

SELECT count(\*) FROM "unfi\_edw\_main\_prod"."sae\_reporting"." **activity**" where dc\_code='DC';

**Assignment**:

SELECT count(\*) FROM "unfi\_edw\_main\_prod"."sae\_reporting"." **assignment**" where dc\_code='DC';

**Container**:

SELECT count(\*) FROM "unfi\_edw\_main\_prod"."sae\_reporting"." **container**" where dc\_code='DC';

**Pick**:

SELECT count(\*) FROM "unfi\_edw\_main\_prod"."sae\_reporting"." **Pick** " where dc\_code='DC';

1. **validate the historical load present in stg\_hist schema for given DC(Distribution center).**

<https://unfisc.atlassian.net/browse/SDS-3>

Refer to following query to validate the history load for given table in stage\_hist schema. Run the query based on audit column of each table.

**Assignment**

select CAST(receiveddate as DATE), count(\*)

from

"unfi\_edw\_main\_uat"."stg\_sae\_sp\_rch\_hist"."stg\_assignment"

group by CAST(receiveddate as DATE)

order by CAST(receiveddate as DATE);