

select Count(*) from Dim_Date
select Count(*) from Dim_Location (**Unique Latitude and longitude combination from all locations**)

select Count(*) from Dim_Source
select Count(*) from Dim_Time

select TOP 1000 * from Dim_Date
select TOP 1000 * from Dim_Location
select TOP 1000 * from Dim_Source
select TOP 1000 * from Dim_Time

Validation for Fact Accidents based on Source of the Data:

Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =3
Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =2
Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =1

Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =3
Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =2
Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =1

Select * from Fct_Accidents where Source_SK not in (1,2,3)

Table Schema:

SELECT *
FROM INFORMATION_SCHEMA.COLUMNS
WHERE TABLE_NAME = N'Fct_Accidents'

Select * from Dim_Vehicle_Type

Validation for Fact Vehicle:

Select Count(*) from Fct_Vehicle where Vehicle_SK = -1

Select * from Dim_Contributing_Factor_SCD order by Code

Validation between Fact Accidents and Fact Contribution:

Select count(distinct(c.Accidents_FCT_SK)) from Fct_Contribution c join Fct_Accidents a on
c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK in(1)
Select count(distinct(c.Accidents_FCT_SK)) from Fct_Contribution c join Fct_Accidents a on
c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK in(2)
Select count(distinct(c.Accidents_FCT_SK)) from Fct_Contribution c join Fct_Accidents a on
c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK in(3)