SAMPLE ETL TEST CASE for an EMP Table :

**Check List or Test Scenarios:-**

    1. To  validate  the  data in table (emp)

    2. To validate the table structure.

    3. To validate the null values  of the table.

    4. To validate the null values of very attribute.

    5. To check the duplicate values of  the table.

    6. To check the duplicate values of each attribute of the table

    7. To check the field value or space (length of the field size)

    8. To check the constraints (foreign ,primary key)

    9. To check the name of the employer who has not earned any commission

    10. To check the all employers who are work in dept no (Account dept,sales dept)

    11. To check the row count of each attribute.

    12. To check the row count of the table.

    13. To check the max salary from emp table.

    14. To check the min salary from emp table.

TEST CASE:

SNO Test Case ID Description

|  |  |  |
| --- | --- | --- |
|  | 1 TC\_001 | To validate the data |
|  | 2 TC\_002 | To validate the format of the table |
|  | 3 TC\_003 | To validate the null values of the table |
|  | 3.1 TC\_003\_01 | To validate the null values comm |
|  | 3.2 TC\_003\_02 | To validate null values ename, empno |
|  | 3.3 TC\_003\_03 | To validate the null values in sal, deptno |
|  | 4 TC\_004 | To validate distinct values of empno in emp table |
|  | 4.1 TC\_004\_01 | To validate distinct values of ename in emp table |
|  | 5 TC\_005\_01 | To check field value or space |
|  | 6 TC\_006\_01 | TO check constraints |
|  | 7 TC\_007\_01 | TO check the name of employer who has not earned any commission |
|  | 8 TC\_008\_01  8.1  8.2  8.3 | TO check the row count of ename in emp |
|  | 9 TC\_009\_01 | To check max salary from emp table |
|  | 10 TC\_0010\_01 | To check min salary from emp table |
|  |  |  |

Expect Result Actual Result Status

|  |  |  |
| --- | --- | --- |
| Data should be available | Same as expected | Pass |
| Structure should be in correct format | Structure is not in a proper order | Fail |
| Null values should not be available | Same as expected | Pass |
| 10 rows should be available | Same as expected | Pass |
| Null values should not be available | Same as expected | Pass |
| Null values should be available | Same as expected | Pass |
| Distinct values should not be available | Same as expected | Pass |
| Distinct values should be available | Same as expected | Pass |
| It should display the length of the field | Same as expected | Pass |
| It should display the employees who are not getting any commission | Same as expected | Pass |
| It should display 14 rows | Same as expected | Pass |
| It should display highest salary | Same as expected | Pass |
| It should display minimum salary | Same as expected | Pass |
|  |  |  |

The test data is taken and tested for the result