

**Acceptance Testing  
UAT Execution & Report Submission**

Date	07 November 2022
Team ID	PNT2022TMID51001
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	4 Marks

## 1. Purpose of Document

User acceptance testing (UAT), also known as application testing or end-user testing, is a stage of the software development process when the target user group tests the product in the real world. Before the tested product is made available to its target market, UAT is frequently the final stage of the software testing process. UAT's objective is to make sure that software meets development criteria and can handle real-world tasks. The purpose of this document is to briefly explain the test coverage and open issues of the project at the time of the release to User Acceptance Testing (UAT).

## 2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	9	5	2	4	20
Duplicate	2	0	3	0	5
External	1	3	0	3	7
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	2	1	3
Won't Fix	0	4	2	1	7
Totals	23	14	14	29	80

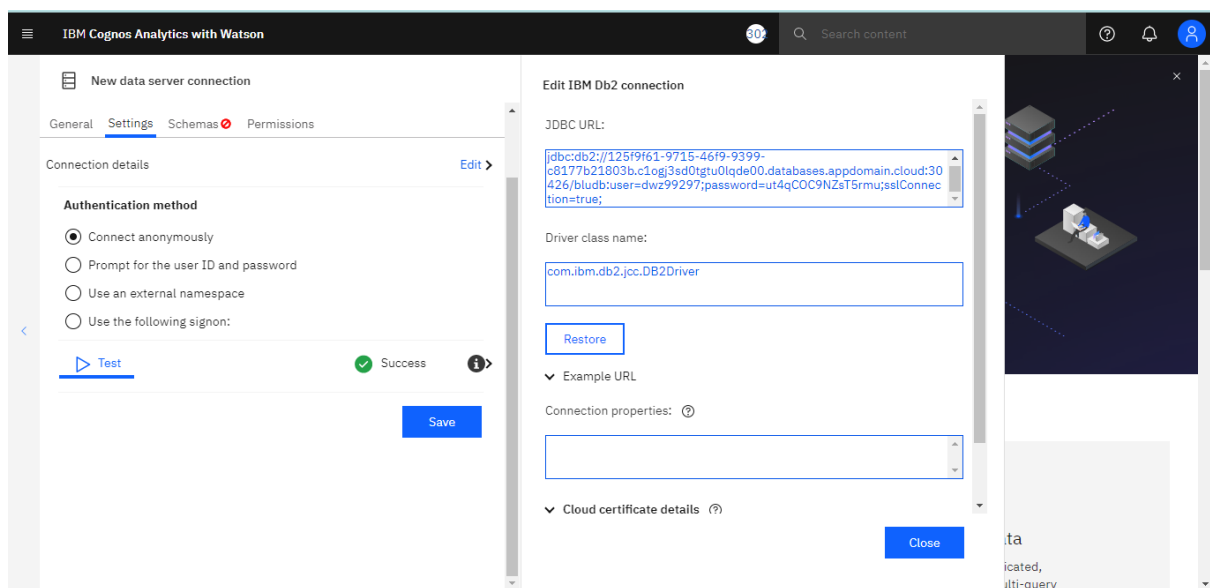
### 3.Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

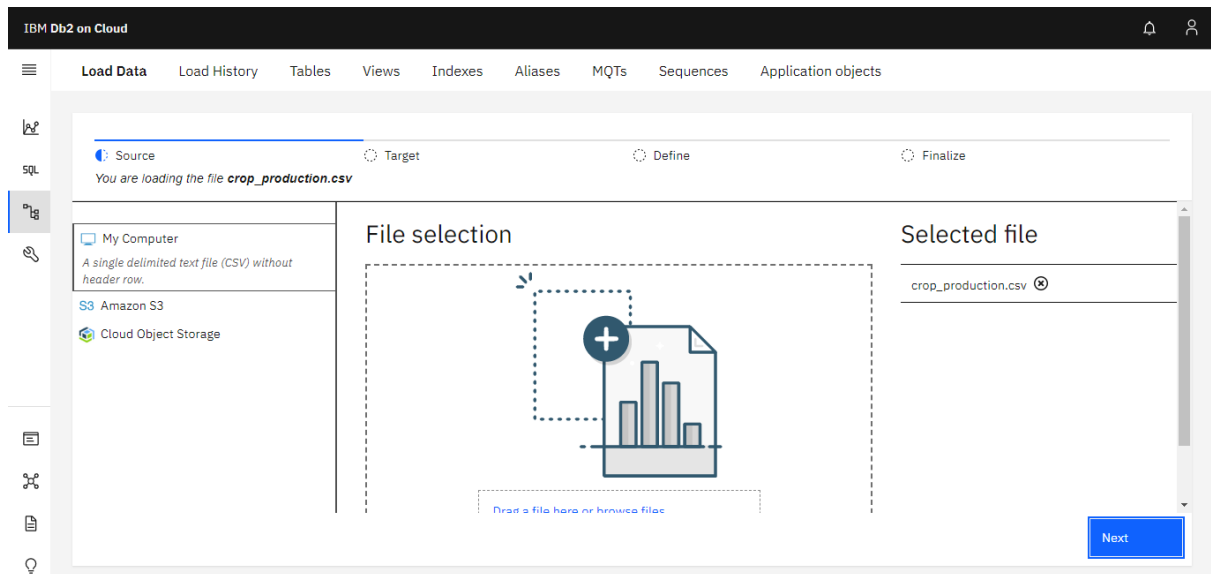
Section	Total Cases	Not Tested	Failed	Passed
Print Engine	8	0	0	8
Client Application	51	0	0	51
Security	3	0	0	3
Outsource Shipping	2	0	0	2
Exception Reporting	9	0	0	9
Final Report Output	5	0	0	5
Version Control	2	0	0	2

### Data base connectivity

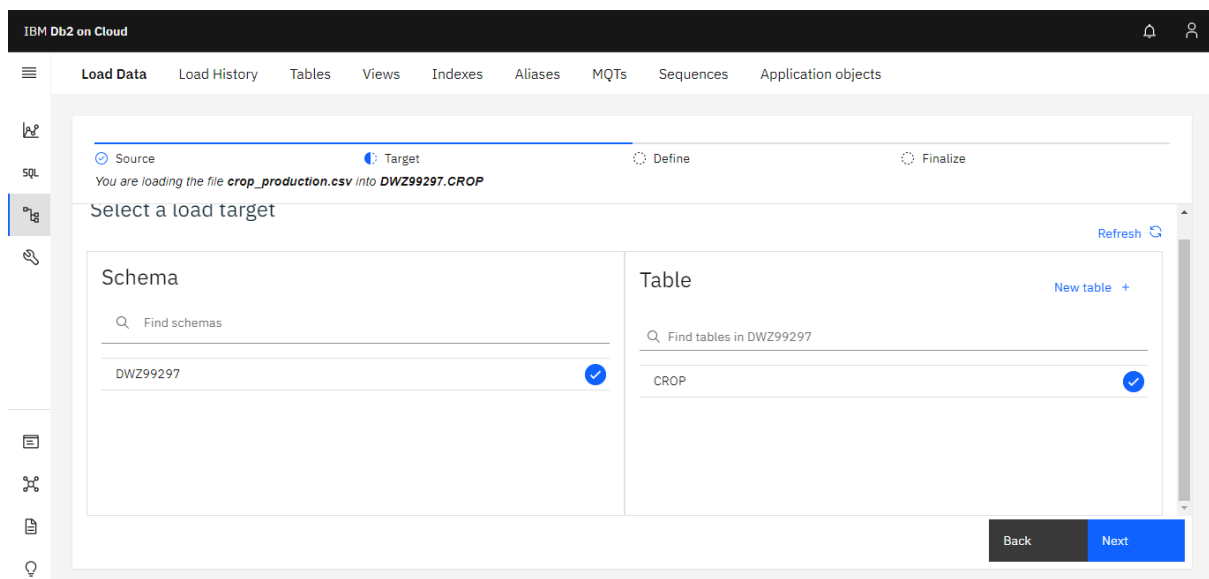
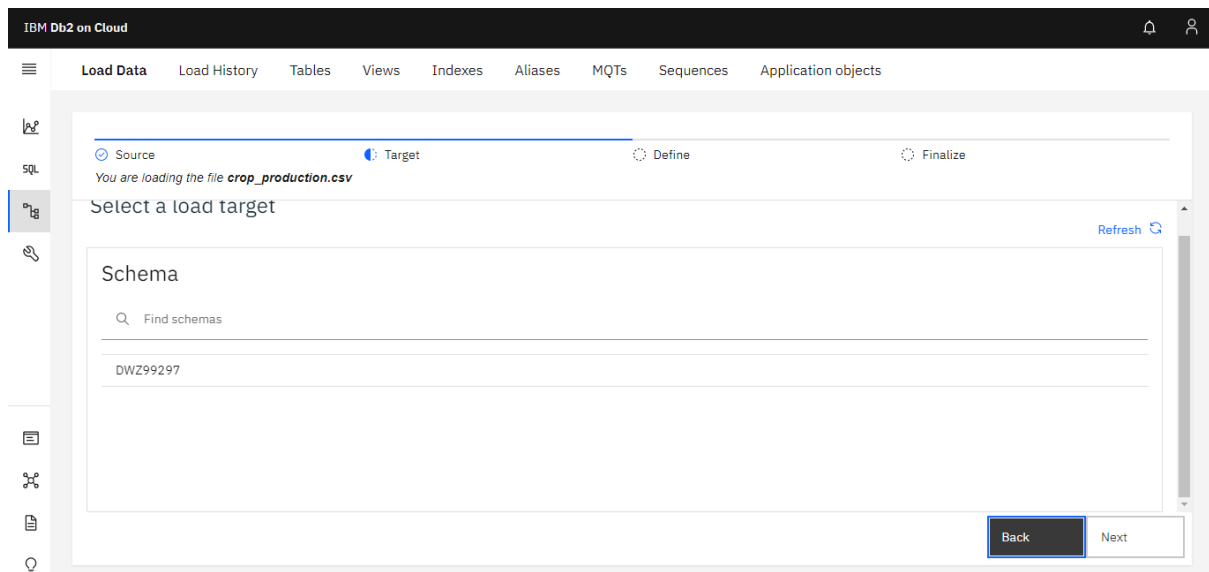
At first, we have to edit the jdbc url by replacing the username and password and then have to change the connection name



After the test being successful, we are given options to load the dataset from my computer as csv file, Amazon S3 as bucket here we are loading the dataset from my computer option and then click on next button.



Then we are to select the target load by clicking on the schema, then we get options to create table. And in the define the dataset is defined.



IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

SQL

Source

Target

Define

Finalize

You are loading the file **crop\_production.csv** into **DWZ99297.CROP**

Code page (character encoding):

1208 (UTF-8)

Separator:

,

Header in first row:

☒

Time & date format:

Detect data types:

☐

	STATE_NAME VARCHAR(27)	DISTRICT_NAME VARCHAR(24)	CROP_YEAR SMALLINT	SEASON VARCHAR(11)	CROP VARCHAR(19)
1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Areca nut
2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Other Kharif products
3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Rice
4	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Banana
5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Cashew nut
6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Coconut
7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Dry ginger
8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sugarcane
9	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sweet potato

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Next

And in the finalize section, we are to change the maximum number of warnings to 10000 to prevent the warnings have exceeded error and click on begin load.

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Define

Finalize

You are loading the file **crop\_production.csv** into **DWZ99297.CROP**

Review settings

Summary

Code page:

1208 (Default)

Separator:

,

(Default)

Time format:

HH:MM:SS (Default)

Date format:

YYYY-MM-DD (Default)

Timestamp format:

YYYY-MM-DD HH:MM:SS (Default)

String delimiter:

(Default)

Option

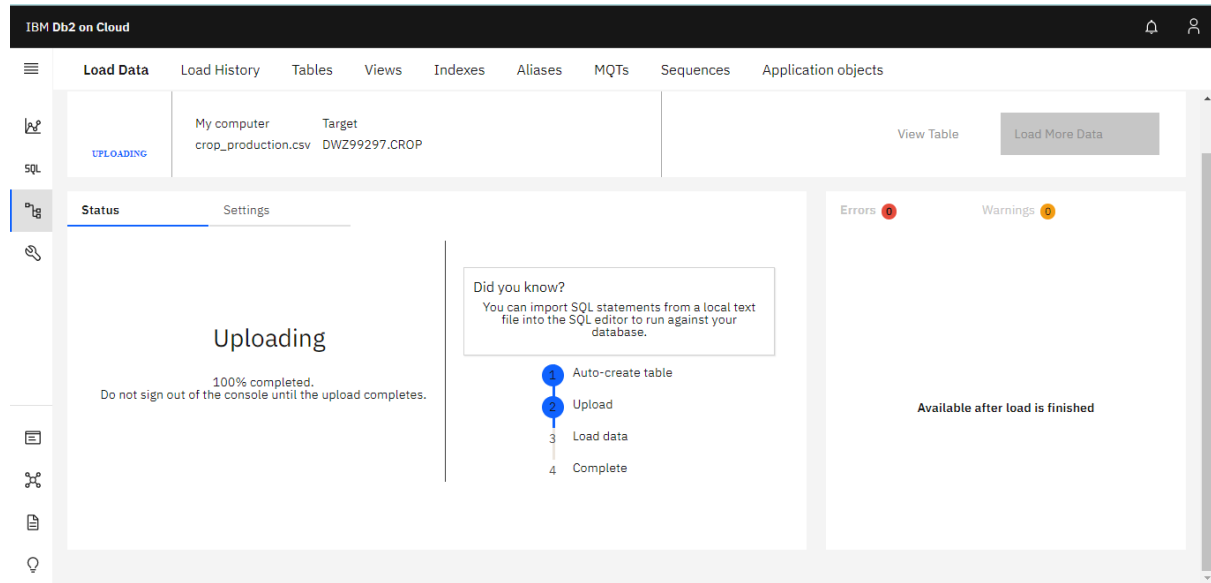
Maximum number of warnings

10000

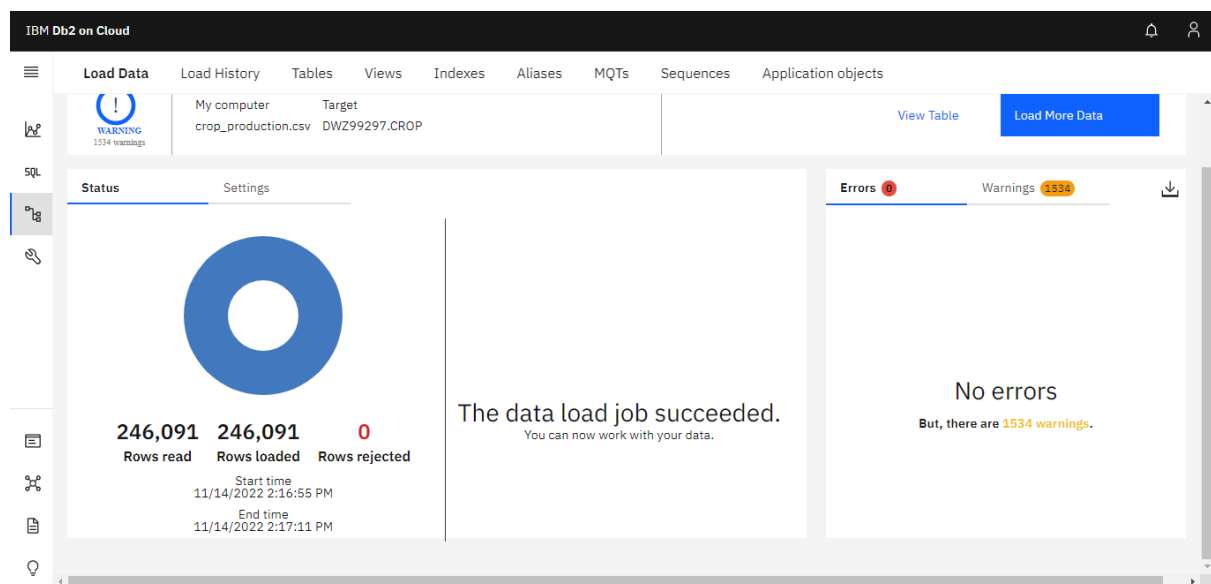
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Begin Load

Then the processes of Auto-create table, Upload, Load Data and then it is completed.



Now the loading job is successful and the rows are read and loaded successfully.



Now to cross verify the result achieved is correct or wrong, we are taking a query, we are taking seasons with average production. And the values turn out to be the same and so it is concluded that the output of visualizations and query's must be equal.

