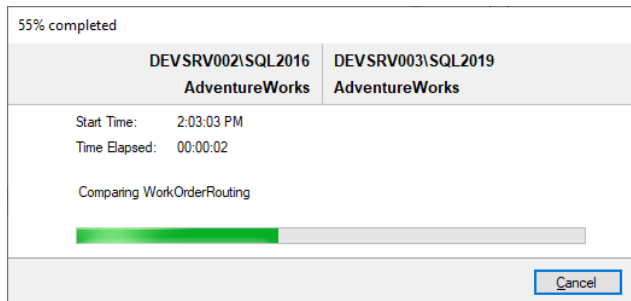


## SQL Data Compare Comparing Data

After completing the preparation phase of the comparison you are ready to compare the data in all those mapped objects (tables and views). To start the comparison either click on the **Compare Data** button on the ribbon (under the Review Comparison tab) or click on the **Compare Data** on the right panel of the Mapped Objects window. A progress window displays the start time, elapsed time and the names of the objects being compared. If you cancel the comparison operation IDERA SQL Data Compare will display partial comparison results.



On completion of the data compare operation the results are displayed on a new window called Comparison Result within that comparison session's tab. The Comparison Result window is divided into multiple sections:

- **Object grid.** Displays the tables that were compared, indicating the total number of rows, the number of rows that were equal, number of rows that were found only on either the source or the target table and number of rows that are different. Tables that have data differences are displayed in bold.

**i** If the comparison is interrupted, data compare displays the comparison result up to the point of cancellation and marks the objects that were not compared with a question mark. If an object is marked as "Invalid" in the comparison grid, it either didn't have a data key or the keys were invalid.

- **Data grid.** When you click on a pair of tables that are different, depending on the data differences, up to three tabs will appear on the bottom section of the Comparison Results window: "Left Rows"; "Right Rows"; and "Different Rows". For the different rows the paired columns from both tables are shown next two each other so that you can easily see the differences. You can "zoom in" on a particular row to take a closer look - right click on the row you wish to inspect and click on "View Row Details".

**i** Notes on details grid:

- Columns in the light-blue color represent data key columns. The "key" label appears in the column header as well.
- Grid cells in orange color indicate data differences.
- By default, equal rows are not displayed in the data grid unless the comparison option **Report rows that are equal** is checked.

- **Synchronization script links.** These links generate the synchronization script for either database.
- **Action links.** Performs various data operation.
- **Legend.** Provides a list of symbols used in the object grid.

SQL 2019 - Idera SQL data compare

Workspace SQL 2019 x

SQL 2019 Data\_Source SQL 2019 Data\_Target

Name Session

Mapped Objects Comparison Result

Status	Sync	Left Owner	Left Name	Right Name	Right Owner	Total Rows	Equal Rows
	<input checked="" type="checkbox"/>	HumanResources	Department	Department	HumanResources	16/0	0
	<input checked="" type="checkbox"/>	HumanResources	Employee	Employee	HumanResources	290/284	275
	<input checked="" type="checkbox"/>	HumanResources	EmployeeAddress	EmployeeAddress	HumanResources	290/267	267
	<input checked="" type="checkbox"/>	Person	Address	Address	Person	19,614/19,586	19,570
	<input checked="" type="checkbox"/>	Person	Contact	Contact	Person	19,972/19,968	19,957
	<input type="checkbox"/>	Person	CountryRegion	CountryRegion	Person	238/238	238
	<input type="checkbox"/>	Production	Product	Product	Production	504/504	504
	<input type="checkbox"/>	Production	ProductDescription	ProductDescription	Production	762/762	762
	<input type="checkbox"/>	Production	ProductModel	ProductModel	Production	128/128	128
	<input type="checkbox"/>	Production	ProductReview	ProductReview	Production	4/4	4
	<input type="checkbox"/>	Sales	Customer	Customer	Sales	19,185/19,185	19,185
	<input type="checkbox"/>	Sales	CustomerAddress	CustomerAddress	Sales	19,220/19,220	19,220
	<input type="checkbox"/>	Sales	SalesPerson	SalesPerson	Sales	17/17	17
	<input type="checkbox"/>	Sales	SalesTerritory	SalesTerritory	Sales	10/10	10

1

Generate the script for: SQL 2019.Data\_Target 3

Generate the script for: SQL 2019.Data\_Source

Create a command line config file

→ Go to next difference

→ Go to previous difference

→ Toggle equal objects

→ Toggle invalid objects

4

Legend:

- Table
- View
- Missing data key
- Excluded object
- Object did not compare

5

2

Left Rows Different Rows

(11) Jffix	EmailAddress	EmailAddress	EmailPromotion	EmailPromotion	Phone	Phone	PasswordHash	PasswordHash	Password
1	catherine0@adventur...	catherine0@yahoo.c...	1	1	747-555-0171	747-555-0171	19712A42FC40F1...	19712A42FC40F1...	rpyd5Tw=
2	kim2@adventure-wor...	kim2@yahoo.com	0	0	334-555-0137	227-645-0137	CB6CD65769648C...	CB6CD65769648C...	rrgbG/U=
3	humberto0@adve...	humberto0@adve...	2	2	599-555-0127	599-275-0127	69CF91B5628FA4...	69CF91B5628FA4...	F5qyyxs=

Output