


Implementing Recommendations on the Index Analysis Tab

Once you have added tuning candidates to a tuning job, DB Optimizer can analyze the effectiveness of the indexes in the database and recommend the creation of new indexes where the new indexes can increase performance.

In the **Collect and create indexes** table, an index that DB Optimizer recommends that you create is marked in orange and has a create index icon next to its checkbox.

	Index Name	Table Owner	Table Name	Column Name	Index
	<input checked="" type="checkbox"/> IDX_CLIENT_TRANSACTION_0	SYSTEM	CLIENT_TRANSACTION	TRANSACTION_STATUS	Normal
	CLIENT_MULTI	SYSTEM	CLIENT	CLIENT_FIRST...NT_LAST_NAME	Normal
	CLIENT_BROKER	SYSTEM	CLIENT	BROKER_ID	Normal
	CLIENT_INCOME	SYSTEM	CLIENT	CLIENT_HOUSEHOLD_INCOME	Normal
	CLIENT_PK	SYSTEM	CLIENT	CLIENT_ID	Unique
	CLIENT_TRANSACTION_BROKER	SYSTEM	CLIENT_TRANSACTION	BROKER_ID	Normal




Accept the Suggestion and Automatically Generate an Index

To accept the suggestion and automatically generate an index

1. For any recommended index, click the check box to the left of the index you want to create.
For a selected index, you can modify the Index type by clicking in the **Index Type** column, and then selecting a type from the list: **Normal**, **Bitmap**, **Reverse Key**, **Reverse Key Unique**, or **Unique**.

Index Analysis

Collect and create indexes

	Index Name	Table Owner	Table Name	Col
	<input checked="" type="checkbox"/> IDX_MOVIERENTAL_0	MOVIES	MOVIERENTAL	TOTALCHARC
	CUSTOMER_PK	MOVIES	CUSTOMER	CUSTOMERIC
	MOVIECOPY_PK	MOVIES	MOVIECOPY	MOVIECOPYII
	RENTALITEM_FK1	MOVIES	RENTALITEM	RENTALID
	CUSTOMER_I1	MOVIES	CUSTOMER	LASTNAME
	CUSTOMER_I12	MOVIES	CUSTOMER	PHONE

Create Index

2. Click the **Create Index** button. The Index Analysis dialog appears.
3. To view the index SQL in an editor for later implementation, click the statement, and then click **Open** in a SQL editor.
4. To run the index SQL and create the index on the selected database, click **Execute**.