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QC Test Queries

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Test type	Query
Uniqueness	SELECT *<column_names>* FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* GROUP BY *<column_names>* HAVING count(1)>1
Not null	SELECT *<column_names>* FROM *<schema_name>.<table_name>* WHERE (*<column_name_1>* is null OR *<column_name_2>* is null OR …) AND *<subset_condition>*
Primary key	includes "uniqueness" and "not null"
Allowed incriment	SELECT *<delta_record_count>* + (SELECT count(1) FROM *<schema_name>.<table_name>* WHERE *<subset_condition>*) - (SELECT **result_row_count** FROM **test_results** WHERE *<same_test>* AND *<previous_order_run>*)
Data match (same)	(SELECT *<column_names>* FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* MINUS SELECT *<match_column_names>* FROM *<match_schema_name>.<match_table_name>* WHERE *<match_subset_condition>*) UNION (SELECT *<match_column_names>*

	FROM *<match_schema_name>*.*<match_table_name>* WHERE *<match_subset_condition>* MINUS SELECT *<column_names>* FROM *<schema_name>*.*<table_name>* WHERE *<subset_condition>*)
Prior match (same)	(SELECT *<column_names>* FROM ***schema_name***.*<table_name>* WHERE *<subset_condition>* MINUS SELECT *<column_names>* FROM ***prior_schema***.*<table_name>* WHERE *<subset_condition>*) UNION (SELECT *<column_names>* FROM ***prior_schema***.*<table_name>* WHERE *<subset_condition>* MINUS SELECT *<column_names>* FROM ***schema_name***.*<table_name>* WHERE *<subset_condition>*)
Value match (in)	SELECT *<column_names>* FROM *<schema_name>*.*<table_name>* WHERE *<subset_condition>* MINUS (SELECT *<value_set_1>* UNION SELECT *<value_set_2>* UNION ...)
Condition check	SELECT *<column_names>* FROM *<schema_name>*.*<table_name>* WHERE NOT (*<condition>*) AND *<subset_condition>*
Window match	SELECT *<column_names>*

	FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* AND *<widow_column>* between *<last_date>* – *<window_days>* and *<last_date>* MINUS SELECT *<column_names>* FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* AND *<widow_column>* between *<last_date>* – 2 x *<window_days>* and *<last_date>* – *<window_days>*
Aggregate match (same)	(SELECT *<groupby_names>*, *<column_names>* FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* GROUP BY *<groupby_names>* HAVING *<having_condition>* MINUS SELECT <match_*groupby_names*>, *<match_column_names>* FROM *<match_schema_name>.<match_table_name>* WHERE *<match_subset_condition>* GROUP BY *<match_groupby_names>* HAVING *<match_having_condition>*) UNION (SELECT <match_*groupby_names*>, *<match_column_names>* FROM *<match_schema_name>.<match_table_name>* WHERE *<match_subset_condition>* GROUP BY *<match_groupby_names>* HAVING *<match_having_condition>* MINUS SELECT *<groupby_names>*, *<column_names>* FROM *<schema_name>.<table_name>* WHERE *<subset_condition>* GROUP BY *<groupby_names>* HAVING *<having_condition>*)
Custom query	*<query>*