

Oracle-SQL-Query-Cheatsheet Cheat Sheet by lwbayes91 via cheatography.com/38072/cs/11895/

SELECT coli colname2 FF Table1 SELECT	•	Select	SELECT	10/1						
SELECT		based on fuzzy string matching	colname2 g FROM Table1 WHERE	matches one or more characters, '_' matches exactly	unique values only	DISTINCT colname1, colname2 FROM Table1	In Oracle, Null value will be included as one distince value; use	Use aggregate functions on computed	colname1	
Conditiona SELECT Other I select $colname1$, operators: $colname2$ >, <, >=, FROM <=, <>(or Table1 !=) WHERE $colname1$ = $value1$								values	colname2) FROM Table1	
								*Group by clause		
	colname LIKE '%word%		one character; LIKE is case sensitive in			ORDER BY colname NULLS FIRST to	Calculate aggregate function based on	SELECT colname1, MAX(coln	GROUP BY must be used in conjuction	
SELECT colname1, colname2	Other logical operators: OR, NOT	Select based	Oracle elect SELECT all ased colname1 members in value , in list must			place nulls at top of list	group membership	ame2) FROM Table1	with Aggregate functions; GROUP	
Table1		on value in a list			Aggrega	te functions			BY	BY clause must
colname1 = value1 AND colname2 > value2	in	Table1 WHERE colname1 in	type; can be used in conjuction with subqueries	Count NON- NULL values of an	COUNT(colname1	Container	include all columns in the colomn list other		
Select SELECT Smaller based on colname1, value value in colname2 must be range FROM first in			value2)		attribute Count	SELECT				than those in
	must be first in				unique NON-Null values	ll colname	`			the aggregate function;
WHERE colname1 BETWEEN lower limit AND upper limite	Gracio	results of	colname2 FROM Table1 ORDER BY colname1, colname2	Select maximum and minimum	SELECT MAX/MI- N(colna me1)	Yields ONLY ONE VALUE; can only be used	can include columns that are not selected at all			
colname2 FF	ROM				attribute		inside a SELECT query	Filter the result of	SELECT colname1	In Oracle,
values Table1 WHERE colname3 IS NULL					Select sum and average of an attribute	SELECT SUM/AV G(colna me1) FROM Table1	Yields ONLY ONE VALUE; can only be used inside a SELECT query	clause with HAVING clause	, MAX(coln ame2) FROM Table1 GROUP BY colname1 HAVING MAX(coln ame2)	alias can be used for the result of the aggregate function column
	WHERE colname1 = value1 SELECT colname2, FROM Table1 WHERE colname1 = value1 AND colname2 > value2 SELECT colname1, colname2 FROM Table1 WHERE colname1 scolname2 FROM Table1 WHERE colname1 SELECT colname1 BETWEEN lower limit AND upper limite SELECT coll colname2 FR Table1 WHE	WHERE colname1 = value1 SELECT Other colname2, operators: FROM OR, NOT Table1 WHERE colname1 = value1 AND colname2 > value2 SELECT Smaller colname1, value colname2 must be FROM first in Table1 Oracle WHERE colname1 BETWEEN lower limit AND upper limite SELECT colname1, colname2 FROM Table1 WHERE	WHERE colname1 = value1 SELECT Other colname2, operators: FROM OR, NOT Table1 WHERE colname1 = value1 AND colname2 > value2 SELECT Smaller colname1, value colname2 must be FROM first in Table1 Oracle WHERE colname1 BETWEEN lower limit AND upper limite SELECT colname1, colname2 FROM Table1 WHERE	WHERE colname1 = value1 SELECT Other colname2, operators: FROM OR, NOT Table1 WHERE colname1 = value1 AND colname2 > value2 SELECT Smaller colname1, value colname2 must be FROM first in Table1 Oracle WHERE colname1 Table1 Oracle WHERE colname1 Select SELECT based colname1 in a list colname2 FROM Table1 WHERE colname1 in (value1, value2) Intermediate select Order SELECT colname2 results colname2 From ORDER BY select colname2 query SELECT colname1 GORDER BY select colname2 query	WHERE colname1 = value1 SELECT Other colname2, logical colname3 FROM OR, NOT Table1 WHERE colname1 = value1 AND colname2 > value2 SELECT Smaller colname1, value colname1 Table1 Oracle Select SELECT all based colname1 in a list colname2 FROM type; can Table1 be used in WHERE conjuction with in subqueries (value1, value2) Intermediate select WHERE colname1 FROM Table1 Oracle Intermediate select Colname2 WHERE colname1 FROM Table1 Oracle Intermediate select Colname2 FROM Table1 SELECT colname1, select colname2 query	WHERE colname1 = value1 SELECT Other colname2 operators: FROM OR, NOT Table1 WHERE colname1 = value1 Select SELECT all based colname1 members on value in a list colname2 be same FROM type; can Table1 be used in WHERE conjuction colname2 > value2 SELECT Smaller colname1, value colname2 must be FROM first in Table1 Oracle WHERE colname1 Table1 Oracle Intermediate select WHERE colname1 Order SELECT colname1, select colname2 WHERE colname1 Table1 Oracle Order SELECT colname1, select colname2 Gount Values Count unique NON-Nu Values Count values Count unique Non-Nu Values Count values	WHERE colname1 = value1 SELECT Other colname2 operators: FROM OR, NOT Table1 WHERE colname2 > value1 SELECT Smaller colname1, value2	WHERE	MHERE	MHERE



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Relational Set Operator	rs
Get all records from two relations excluding duplicates	Set1 UNION Set2
Get all records from two relations including duplicates	Set1 UNION ALL Set2
Get all records in both relations	Set1 INTERSECT Set2
Get all recods in relations 1 but not in relation 2	Set1 MINUS Set2

Utility Functions (cont)				
Floor value	FLOOR(numeric_value)			
Concatenat ing String	string1 string2 string3			
Uppercase	UPPER(string_value)			
Lowercase	LOWER(string_value)			
Subset a string	SUBSTR(string_value, starting_index, ending_index)			
length of a string	LENGTH(string_value)			

Utility Functions					
Formatting datetime into character	TO_CHA R(date_v- alue, fmt)	MONTH; MON; MM; D(DOW);DD(DOM); DAY;YYYY;Y Y			
Formatting character into datetime	TO_DAT E(charat- er_string				
Current date	SYSDATE				
Adding months to a date	ADD_MONue, n)	ITHS(date_val			
Absolute value	ABS()				
Round falue to a specific precision	ROUND(no	umeric_value,			
Ceiling value	CEIL(numeric_value)				

Join	
Inner joins	INNER JOIN
Join two table on common attributes but retain rows in the first table without a match	LEFT JOIN
Join two table on common attributes but retain rows in the second table without a match	RIGHT JOIN
Join two table on common attributes but retain unmatched rows	FULL JOIN



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