

# SQL REFERENCE GUIDE

## Key SQL Commands

### Select Data & Clauses

SELECT  
FROM  
WHERE  
ORDER BY

### Manipulate Data

INSERT  
UPDATE  
DELETE

### Database Structures

CREATE Table  
ALTER Table  
DROP Table  
CREATE Index  
ALTER Index  
DROP Index

### Controlling Data

ALTER PASSWORD  
GRANT  
REVOKE  
CREATE SYNONYM

### Sorting and Grouping

GROUP BY  
ORDER BY  
HAVING (used with Group by)

### Logical Operators

IS NULL  
BETWEEN  
IN  
LIKE  
EXISTS  
UNIQUE  
ALL and ANY

### Negating Conditions with NOT

NOT EQUAL  
NOT BETWEEN  
NOT IN  
NOT LIKE  
IS NOT NULL  
NOT EXISTS  
NOT EQUAL

### Aggregate Functions

COUNT  
SUM  
MAX  
MIN  
AVG

### Joins

EQUIJOIN  
INNER JOIN  
OUTER JOIN  
NON- EQUIJOIN

# SYNTAX REFERENCE GUIDE

SELECT \* FROM TABLE

SELECT COLUMN\_NAME1, COLUMN\_NAME2 FROM TABLE

DELETE \* FROM TABLE WHERE CONDITION

UPDATE TABLE

SET COLUMN\_NAME1='VALUE'

WHERE CONDITION

SELECT COLUMN\_NAME [, COLUMN\_NAME ]

FROM TABLE1 [, TABLE2]

WHERE COLUMN\_NAME OPERATOR

(SELECT COLUMN\_NAME [,COLUMN\_NAME]

FROM TABLE

WHERE CONDITION);

SELECT COLUMN\_NAME [, COLUMN\_NAME ]

FROM TABLE1 [, TABLE2]

WHERE COLUMN\_NAME OPERATOR

(SELECT COLUMN\_NAME [,COLUMN\_NAME]

FROM TABLE

WHERE VALUE BETWEEN VALUE);