**COURSE CONTENT**

1. Create Table
2. Insert columns
3. Insert single or multiple rows
4. Constraints
5. Select with WHERE clause
6. AND, OR , NOT operators
7. Between & Not Between operators
8. Like Operators & Wildcards
9. Regular Expressions
10. Order By & Distinct
11. Is Null & Is Not Null
12. Limit & OffSet
13. Count, Sum, Min, Max, Avg
14. Update
15. Commit & Roll back
16. Delete
17. Primary key & Foreign key
18. Inner Join
19. Left Join & Right Join
20. Cross Join
21. Join multiple tables
22. Group by & Having Clause
23. SubQuery with Exists & Not Exists
24. Union & Union All
25. If & Case Statement
26. Arithmetic Functions
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28. Date Functions
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**ACCESS THIS PLAYLIST TO LEARN**

**https://youtube.com/playlist?list=PL0b6OzIxLPbzf12lu5etX\_vjN-eUxgxnr**

**NOTES**

**List of Arithmetic Functions in MySQL**

• PIO

• ROUND()

• CEIL()

• FLOOR()

• POW()

• RAND()

• ABS()

• SIGN()

• SIN()

• COS()

• TAN()

• ASIN()

• ACOS()

• ATAN()

• ATAN2()

• COT()

• RADIANS()

**List of String Functions in MySQL**

• UPPER() / UCASE()

• LOWER() / LCASE()

• LENGTHO CHAR LENGTH()

• CONCAT()

• CONCAT\_WS()

• LTRIMO

• RTRIM()

• TRIM()

• POSITION()

• LOCATE()

• INSTR

• SUBSTRING() / SUBSTR()

• MID()

• SUBSTRING\_INDEX()

• LEFTO

• RIGHT()

• LPADO

• RPAD()

• SPACE()

• REVERSE()

• REPEAT()

• REPLACE()

• STRCMP()

• FIELD()

• FIND IN SET()

• FORMATO

• HEX(str)

**List of Date Functions in MySQL**

• CURDATE

• CURRENT\_DATE

• SYSDATE

• NOW

• LAST DAY

• DAY

• DAYNAME

• DAYOFMONTH

• DAYOFWEEK

• DAYOFYEAR

• WEEK

• WEEKDAY

• WEEKOFYEAR YEAR

• YEARWEEK

• EXTRACT

• DATE\_ADD

• ADDDATE

• MAKEDATE

• DATE SUB

• SUBDATE

• DATEDIFF

• TO\_DAYS

• FROM DAYS

• PERIOD ADD

• PERIOD DIFF DATE FORMAT

• STR\_TO\_DATE

**List of Time Functions in MySQL**

• CURTIME()

• CURRENT TIMESTAMP

• LOCALTIME

• LOCALTIMESTAMP

• TIMESTAMP

• TIME

• TIMEDIFF

• HOUR

• MINUTE

• SECOND

• MICROSECOND

• ADDTIME SUBTIME

• MAKETIME TIME FORMAT SEC TO TIME

• TIME\_TO\_SEC