MySQL Query Rules

1. **Format**

SELECT

Fields

FROM

Table Name (Alias)

JOIN

WHERE

Condition

Group BY

Fields

Order By

Fields

1. **Data Duplication**

Column Verification and avoid same data column

1. **Column Alias**

Used Column Alias only necessary

1. **Table Join**

Used Column they belong Primary Key or Index

Used Column with same data type

Used only necessary

1. **Where Clause**

Used Primary key or Index Column First

Date Rang using between must in bracket

Column sequence must from large subset to small subset

1. **Order By Clause**

Used only necessary

Used only required column

1. **Select with Star (SELECT \*)**

Don’t Used and avoid COUNT (\*) used COUNT with Key Column

1. **Unique Row**

Must use Limit 1

1. **Function with WHERE**

Used only necessary

1. **Explain with SELECT**

Used Explain and check output

Missing Key, Row Filter, Nested Loop

1. **Find\_In\_Set()**

Don’t Used and avoid find\_in\_set() functions.

1. **Session Variable**

Don’t Used and avoid @Session Variable use local variable.

Use v\_variableName

1. **Variable Name**

Variable name start with small ‘v’ with underscore (\_)

Ex. v\_variable;

Use Default Value if possible

Ex. v\_variable INT DEFAULT 0;

1. **Parameter Name**

Parameter name start with small ‘p’ with underscore (\_)

Ex. p\_parameter

Use Proper Datatype for Parameter