**SQL PROJECT**

**FIFA DATABASE PROJECT**

1. Create the database

create database if not exists fifa\_database;

1. Use database

use fifa\_database;

Create the schema based on the following details

|  |  |
| --- | --- |
| **Name** | **Data Type** |
| ID | string |
| Home | string |
| Away | string |
| Stage | string |
| Scorer | string |
| Scoring\_Team | string |
| Type | string |

1. Create a table with above details

create table if not exists match\_details(

ID varchar(50) not null,

Home varchar(255) not null,

Away varchar(255) not null,

Stage varchar(255) not null,

Scorer varchar(255) not null,

ScoringTeam varchar(255) not null,

Type varchar(255) not null

);

1. Import the csv file into match\_details using table with data table import wirzad
2. Show the top 10 rows of match details table

* select \* from match\_details limit 10;

1. Remove the duplicate rows using the id column

* select ID, count(ID) from match\_details

group by ID

having count(ID)>1;

select distinct\* from match details;

1. Creating the non duplicate data table and adding all the unique rows

* create table non\_duplicate\_data

select distinct \* from match\_details;

1. Deleting the original table(match\_details)

* drop table match\_details;

1. Altering the non duplicate data table to original table

* alter table non\_duplicate\_data rename match\_details;

1. removed all the duplicates from the original table

* select ID, count(ID) from match\_details

group by ID

having count(ID)>1;

1. Write a query to show the scorer name and how many goal scored then store the data in to another table called scorer

* select scorer, count(id) as goal

from match\_details group by Scorer;

* create table if not exists scorer select scorer, count(id) as goal

from match\_details

group by Scorer;

* create table if not exists scoring select scorer, count(id) as goal

from match\_details

group by Scorer;

1. Write a query to show the scorer with the most goals?

* select \* from scorer order by goal desc;

1. Write a query to type of goal scored by players and also return the count of type.

* select type , count(\*) from match\_details

group by type;

1. Write a query to type of goal scored by players and also return the count of type ascending order.

* select type , count(\*) as number\_of\_type\_goal from match\_details

group by type

order by number\_of\_type\_goal asc;