

### **DDL scripts to create your tables**

```
CREATE DATABASE CombatSports  
GO
```

```
USE CombatSports  
GO
```

--commissions table

```
CREATE TABLE Commissions (  
    commissionName varchar(100) NOT NULL,  
    --primary key  
    CONSTRAINT pkCcommissionName PRIMARY KEY (commissionName)  
);  
GO
```

--rule sets table

```
CREATE TABLE RuleSets (  
    ruleSet          varchar(100) NOT NULL,  
    commissionName  varchar(100),  
    sport           varchar(100),  
    fightLevel      varchar(100) NOT NULL,  
    --primary key  
    CONSTRAINT pkRuleSet PRIMARY KEY (ruleSet, fightLevel),  
    -- foreign key  
    CONSTRAINT fkCommission FOREIGN KEY (commissionName)  
        REFERENCES Commissions(commissionName)  
        ON UPDATE CASCADE  
        ON DELETE CASCADE  
);  
GO
```

--refs table

```
CREATE TABLE Refs (  
    refName          varchar(100) NOT NULL,  
    --primary key  
    CONSTRAINT pkRefName PRIMARY KEY (refName)  
);  
GO
```

--fight location table

```
CREATE TABLE FightLocations (  
    city             varchar(100) NOT NULL,  
    country          varchar(100) NOT NULL,  
    Region           varchar(100),
```

```

        arenaName varchar(100) NOT NULL,
        --primary key
        CONSTRAINT pkFightLocation PRIMARY KEY (city,country, arenaName)
    );
GO

```

```

--promoters table
CREATE TABLE Promoters (
    promoterName    varchar(100) NOT NULL,
    numFighters     int,
    president       varchar(100),
    CEO             varchar(100),
    revenue         money,
    --primary key
    CONSTRAINT pkPromoter PRIMARY KEY (promoterName)
);
GO

```

```

--card table
CREATE TABLE Cards (
    cardName        varchar(100) NOT NULL,
    numFights       int,
    fightDate       datetime,
    mainEvent       varchar(200),
    coMainEvent     varchar(200),
    promoterName    varchar(100),
    city            varchar(100),
    country         varchar(100),
    arenaName       varchar(100),
    --primary key
    CONSTRAINT pkCardName PRIMARY KEY (cardName),
    --foreign keys
    CONSTRAINT fkPromoterName FOREIGN KEY (        promoterName)
        REFERENCES Promoters(promoterName)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
    CONSTRAINT fkFightLocation FOREIGN KEY (city, country, arenaName)
        REFERENCES FightLocations(city, country, arenaName)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

```

```

--weightclass table

```

```

CREATE TABLE WeightClasses (
    weightClass varchar(100) NOT NULL,
    gender      varchar(100) NOT NULL,
    sport       varchar(100) NOT NULL,
    --public key
    CONSTRAINT pkWeightClass PRIMARY KEY (weightClass, gender, sport),
);
GO

```

```

--judges table
CREATE TABLE Judges (
    panelID      int IDENTITY (1,1) NOT NULL,
    judge1       varchar(100),
    judge2       varchar(100),
    judge3       varchar(100),
    judge4       varchar(100),
    judge5       varchar(100),
    judgingSystem varchar(100),
    decision     varchar(100),
    --public key
    CONSTRAINT pkPanelID PRIMARY KEY (panelID)
);
GO

```

```

--purses table
CREATE TABLE Purses (
    purseID      int IDENTITY (1,1) NOT NULL,
    winPay       money,
    showPay      money,
    fightBonus   money,
    totalPurse   as (fightBonus + winPay + showPay)
    --public key
    CONSTRAINT pkPurseID PRIMARY KEY (purseID),
);
GO

```

```

--fights table
CREATE TABLE Fights (
    fightID      int IDENTITY(1,1) NOT NULL,
    fighterID    int NOT NULL,
    fightNum     int,
    cardName     varchar(100),
    opponetName  varchar(100) NOT NULL,
    --for weight class fk

```

```

weightClass varchar(100),
gender      varchar(100),
sport       varchar(100),
--for judges fk
panelID     int NOT NULL,
--for ruleset fk
fightLevel  varchar(100),
ruleSet     varchar(100),
--for ref fk
refName     varchar(100),
--for purse fk
purseID     int,
--primary key
CONSTRAINT pkFightID PRIMARY KEY (fightID),
--foreign keys
CONSTRAINT fkWeightClass FOREIGN KEY (weightClass, gender, sport)
    REFERENCES WeightClasses(weightClass, gender, sport),
CONSTRAINT fkPanelID FOREIGN KEY (panelID)
    REFERENCES Judges(panelID)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
CONSTRAINT fkRuleSet FOREIGN KEY (ruleSet, fightLevel)
    REFERENCES RuleSets(ruleSet, fightLevel)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
CONSTRAINT fkRefName FOREIGN KEY (refName)
    REFERENCES Refs(refName)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
CONSTRAINT fkPurseID FOREIGN KEY (purseID)
    REFERENCES Purses(purseID)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
CONSTRAINT fkCardName FOREIGN KEY (cardName)
    REFERENCES cards(cardName)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
);
GO

--gym table
CREATE TABLE Gyms (
    gymName varchar(100) NOT NULL,
    --primary key

```

```
        CONSTRAINT pkgymName PRIMARY KEY (gymName)
);
GO
```

--fighter table

```
CREATE TABLE Fighters (
    fighterID    int IDENTITY(1,1) NOT NULL,
    fighterName  varchar(100) NOT NULL,
    dateOfBirth  date,
    nickName     varchar(100),
    gymName      varchar(100),
    --primary key
    CONSTRAINT pkFighterID PRIMARY KEY (fighterID),
    --foreign key
    CONSTRAINT fkGymName FOREIGN KEY (gymName)
        REFERENCES Gyms(gymName)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO
```

--physical stats table

```
CREATE TABLE PhysicalStats (
    fighterID    int NOT NULL,
    hight        int NOT NULL,
    reach        int NOT NULL,
    legReach     int NOT NULL,
    gender       varchar(100),
    --primary key
    CONSTRAINT pkFighterPhysicalStats PRIMARY KEY (fighterID),
    --foreign key
    CONSTRAINT fkFighterID FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO
```

--fighter record table

```
CREATE TABLE Records (
    win          int,
    loss         int,
    noContest    int,
```

```

        fighterID      int NOT NULL,
--primary key
CONSTRAINT pkFighterRecord    PRIMARY KEY (fighterID),
--foreign key
CONSTRAINT fkFighterID1 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

```

```

--add fighterid fk to fights
ALTER TABLE Fights
ADD CONSTRAINT fkFighterID2 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE

```

```

-- offensive WrestlingStats
CREATE TABLE WrestlingStats (
        FighterID      int NOT NULL,
        typeOfShot      varchar(100) NOT NULL,
        success         int,
        attempt          int,
        accuracy         as ((success / attempt) * 100)
--primary key
CONSTRAINT pkWrestlingStats    PRIMARY KEY (fighterID, typeOfShot),
--foreign key
CONSTRAINT fkFighterID3 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

```

```

-- offensive submission stats
CREATE TABLE SubmissionStats (
        FighterID      int NOT NULL,
        typeOfSub       varchar(100) NOT NULL,
        success         int,
        attempt          int,
        accuracy         as ((success / attempt) * 100)
--primary key
CONSTRAINT pkSubmissionStats PRIMARY KEY (fighterID, typeOfSub),

```

```

--foreign key
CONSTRAINT fkFighterID4 FOREIGN KEY (fighterID)
    REFERENCES Fighters(fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
);
GO

```

```

-- offensive striking stats
CREATE TABLE StrkingStats (
    FighterID          int NOT NULL,
    typeOfStrike       varchar(100) NOT NULL,
    success             int,
    attempt             int,
    accuracy            as ((success / attempt) * 100)
    --primary key
    CONSTRAINT pkStrikingStats PRIMARY KEY (fighterID, typeOfStrike),
    --foreign key
    CONSTRAINT fkFighterID5 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

```

```

-- defensive WrestlingStats
CREATE TABLE DefWrestlingStats (
    FighterID          int NOT NULL,
    typeOfShot         varchar(100) NOT NULL,
    takedown           int,
    attempt             int,
    defense             as (((takedown / attempt) * 100) - 100)
    --primary key
    CONSTRAINT pkDefWrestlingStats PRIMARY KEY (fighterID, typeOfShot),
    --foreign key
    CONSTRAINT fkFighterID6 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

```

```

-- defensive Submission Stats
CREATE TABLE DefSubmissionStats (

```

```

FighterID    int NOT NULL,
typeOfSub    varchar(100) NOT NULL,
subed        int,
attempt      int,
defense      as (((subed / attempt) * 100) - 100)
--primary key
CONSTRAINT pkDefSubmissionStats PRIMARY KEY (fighterID, typeOfSub),
--foreign key
CONSTRAINT fkFighterID7 FOREIGN KEY (fighterID)
REFERENCES Fighters(fighterID)
ON UPDATE CASCADE
ON DELETE CASCADE,
);
GO

```

```

-- defensive Submission Stats
CREATE TABLE DefStrikingStats (
    FighterID    int NOT NULL,
    typeOfSub    varchar(100) NOT NULL,
    hit          int,
    attempt      int,
    defense      as (((hit / attempt) * 100) - 100)
--primary key
CONSTRAINT pkDefStrikingStats PRIMARY KEY (fighterID, typeOfSub),
--foreign key
CONSTRAINT fkFighterID8 FOREIGN KEY (fighterID)
REFERENCES Fighters(fighterID)
ON UPDATE CASCADE
ON DELETE CASCADE,
);
GO

```

```

--drop keys and fight locations so it could be remade
ALTER TABLE Cards
DROP CONSTRAINT fkFightLocation
GO

```

```

DROP TABLE FightLocations
GO

```

```

--fight location table
CREATE TABLE FightLocations (
    cardName    varchar(100) NOT NULL,
    city        varchar(100),

```



```

country          varchar(100),
Region           varchar(100),
arenaName  varchar(100),

--foreign key
CONSTRAINT fkCardlocName FOREIGN KEY (cardName)
REFERENCES Cards (cardName)
ON UPDATE CASCADE
ON DELETE CASCADE,

--primary key
CONSTRAINT pkCardLocation PRIMARY KEY (cardName)
);
GO

--update the cards table to reflect changes
ALTER TABLE Cards
DROP COLUMN city, country, arenaName
GO

--alter the fights table and connected tables for better design
ALTER TABLE Fights
DROP CONSTRAINT fkWeightClass, fkPanelID, fkPurseID, fkRuleSet
GO

ALTER TABLE Fights
DROP COLUMN weightClass, gender, sport, purseID, panelID, ruleSet, fightLevel
GO

--alter affected tables
--drop the affected tables
DROP TABLE Purses, Judges, WeightClasses, RuleSets
GO

--recreate the tables
--purses table
CREATE TABLE Purses (
    fightID      int NOT NULL,
    winPay        money,
    showPay       money,
    fightBonus    money,
    totalPurse    as (fightBonus + winPay + showPay),

    --foreign key

```

```

        CONSTRAINT fkFightPurse FOREIGN KEY (fightID)
        REFERENCES Fights (fightID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,

        --public key
        CONSTRAINT pkFightPurse PRIMARY KEY (fightID),
    );
GO

```

```

--Panles table
CREATE TABLE Panles (
    fightID          int NOT NULL,
    judge1           varchar(100),
    judge2           varchar(100),
    judge3           varchar(100),
    judge4           varchar(100),
    judge5           varchar(100),
    judgingSystem    varchar(100),
    decision         varchar(100) NOT NULL,

    --foreign key
    CONSTRAINT fkFightPannel FOREIGN KEY (fightID)
    REFERENCES Fights (fightID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,

    --public key
    CONSTRAINT pkFightPanel PRIMARY KEY (fightID)
);
GO

```

```

--weightclass table
CREATE TABLE WeightClasses (
    fightID          int NOT NULL,
    weightClass      varchar(100) NOT NULL,
    gender           varchar(100) NOT NULL,
    sport            varchar(100) NOT NULL,

    --foreign key
    CONSTRAINT fkFightWeight FOREIGN KEY (fightID)
    REFERENCES Fights (fightID)
        ON UPDATE CASCADE

```

```

        ON DELETE CASCADE,

        --public key
        CONSTRAINT pkWeightClass PRIMARY KEY (fightID),
    );
GO

--rule sets table
CREATE TABLE RuleSets (
    fightId          int NOT NULL,
    ruleSet           varchar(100) NOT NULL,
    commissionName    varchar(100),
    sport             varchar(100),
    fightLevel        varchar(100) NOT NULL,

    --primary key
    CONSTRAINT pkFightRuleSet PRIMARY KEY (fightID),

    --foreign keys
    CONSTRAINT fkFightRuleSet FOREIGN KEY (fightID)
        REFERENCES Fights (fightID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,

    CONSTRAINT fkCommission FOREIGN KEY (commissionName)
        REFERENCES Commissions(commissionName)
            ON UPDATE CASCADE
            ON DELETE CASCADE
);
GO

--remake panels table and break judges out
DROP TABLE Panles
GO

--create judges table
CREATE TABLE Judges (
    judgeName    varchar(100) NOT NULL,
    dateOfBirth  date,
    --primary key
    CONSTRAINT pkJudge PRIMARY KEY (judgeName),
);
GO

```

```

--Panles table
CREATE TABLE Panles (
    fightID          int NOT NULL,
    judge            varchar(100) NOT NULL,
    judgingSystem    varchar(100),
    decision          varchar(100) NOT NULL,
    --public key
    CONSTRAINT pkFightPanel PRIMARY KEY (fightID),

    --foreign key
    CONSTRAINT fkJudge FOREIGN KEY (judge)
    REFERENCES Judges (judgeName)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO

ALTER TABLE Panles
ADD CONSTRAINT fkFightPannel FOREIGN KEY (fightID)
    REFERENCES Fights (fightID)
        ON UPDATE CASCADE
        ON DELETE CASCADE

-- AGENTS TABLE
CREATE TABLE Agencies (
    fighterID      int NOT NULL,
    AgentName      varchar(100),

    --foreign key
    CONSTRAINT fkFighterAgent FOREIGN KEY (fighterID)
    REFERENCES Fighters (fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,

    --public key
    CONSTRAINT pkFighterAgent PRIMARY KEY (fighterID),
);
GO

-- change the realtionship between fighters and gyms
ALTER TABLE Fighters
DROP CONSTRAINT fkGymName
GO

```

```
ALTER TABLE Fighters
DROP COLUMN gymName
GO
```

```
ALTER TABLE Gyms
DROP CONSTRAINT pkgymName
```

```
ALTER TABLE Gyms
ADD FighterID int NOT NULL
```

```
ALTER TABLE Gyms
ADD CONSTRAINT fkFightersGym FOREIGN KEY (fighterID)
REFERENCES Fighters(FighterID)
ON UPDATE CASCADE
ON DELETE CASCADE
GO
```

```
ALTER TABLE Gyms
ADD CONSTRAINT pkFightersGym PRIMARY KEY (fighterID)
GO
```

```
--rework the stats tables
ALTER TABLE WrestlingStats
DROP CONSTRAINT pkWrestlingStats
GO
```

```
ALTER TABLE WrestlingStats
DROP COLUMN typeOfShot
GO
```

```
ALTER TABLE WrestlingStats
ADD CONSTRAINT pkFighterWrestlingStats PRIMARY KEY (fighterID)
GO
```

```
ALTER TABLE SubmissionStats
DROP CONSTRAINT pkSubmissionStats
GO
```

```
ALTER TABLE SubmissionStats
DROP COLUMN typeOfSub
GO
```

```
ALTER TABLE SubmissionStats
```

```
ADD CONSTRAINT pkFighterSubStats PRIMARY KEY (fighterID)
GO
```

```
ALTER TABLE      StrkingStats
DROP CONSTRAINT pkStrikingStats
GO
```

```
ALTER TABLE      StrkingStats
DROP COLUMN typeOfStrike
GO
```

```
ALTER TABLE      StrkingStats
ADD CONSTRAINT pkFighterStrikingStats PRIMARY KEY (fighterID)
GO
```

```
ALTER TABLE      DefWrestlingStats
DROP CONSTRAINT pkDefWrestlingStats
GO
```

```
ALTER TABLE      DefWrestlingStats
DROP COLUMN typeOfShot
GO
```

```
ALTER TABLE      DefWrestlingStats
ADD CONSTRAINT pkFighterDefWrestlingStats PRIMARY KEY (fighterID)
GO
```

```
ALTER TABLE      DefSubmissionStats
DROP CONSTRAINT pkDefSubmissionStats
GO
```

```
ALTER TABLE      DefSubmissionStats
DROP COLUMN typeOfSub
GO
```

```
ALTER TABLE      DefSubmissionStats
ADD CONSTRAINT pkFighterDefSubStats PRIMARY KEY (fighterID)
GO
```

```
ALTER TABLE      DefStrikingStats
DROP CONSTRAINT pkDefStrikingStats
GO
```

```
ALTER TABLE      DefStrikingStats
```

```
DROP COLUMN typeOfSub  
GO
```

```
ALTER TABLE      DefStrikingStats  
ADD CONSTRAINT pkFighterDefStrikingStats PRIMARY KEY (fighterID)  
GO
```

```
--alter records table  
ALTER TABLE Records  
ADD draw int  
GO
```

```
--update accuracy  
ALTER TABLE StrkingStats  
DROP COLUMN accuracy  
GO
```

```
ALTER TABLE StrkingStats  
ADD accuracy as (success/attempt) * 100  
GO
```

```
--update accuracy  
ALTER TABLE StrkingStats  
DROP COLUMN accuracy  
GO
```

```
ALTER TABLE StrkingStats  
ADD accuracy as (success/attempt * 100)  
GO
```

```
--update accuracy  
ALTER TABLE StrkingStats  
DROP COLUMN accuracy  
GO
```

```
ALTER TABLE StrkingStats  
ADD accuracy as success/attempt * 100  
GO
```

```
-- alter panles and judges so that a panel has many judges  
ALTER TABLE Judges  
ADD fightPannel int NOT NULL  
GO
```

```
ALTER TABLE Judges
ADD CONSTRAINT fkPannel FOREIGN KEY (fightPannel)
    REFERENCES Panles (fightID)
    ON UPDATE NO ACTION
    ON DELETE NO ACTION
GO
```

```
-- drop the judge constraint and column
ALTER TABLE Panles
DROP CONSTRAINT fkJudge
GO
```

```
ALTER TABLE Panles
DROP COLUMN judge
GO
```

```
-- readd the cascade
ALTER TABLE Judges
DROP CONSTRAINT fkPannel
GO
```

```
ALTER TABLE Judges
ADD CONSTRAINT fkPannel FOREIGN KEY (fightPannel)
    REFERENCES Panles (fightID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
-- implment junction table as fights and fighters is a many to many relationship
-- remove fighter id key and colum from fights
ALTER TABLE Fights
DROP CONSTRAINT fkFighterID2
GO
```

```
ALTER TABLE Fights
DROP COLUMN fighterID
GO
```

```
-- junction table
CREATE TABLE FightCombatants (
    fighterID    int NOT NULL,
    fightID      int NOT NULL,

    --foreign key
```



```

        CONSTRAINT fkCombatantID FOREIGN KEY (fighterID)
        REFERENCES Fighters (fighterID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,

        CONSTRAINT fkFight FOREIGN KEY (fightID)
        REFERENCES Fights (fightID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,

        --public key
        CONSTRAINT pkFFID PRIMARY KEY (fightID, fighterID),
    );
GO

-- alter purses so it is depenedant on a fighter and a fight
ALTER TABLE Purses
DROP CONSTRAINT fkFightPurse
GO

ALTER TABLE Purses
DROP CONSTRAINT pkFightPurse
GO

ALTER TABLE Purses
DROP COLUMN fightID
GO

-- add the fk and pk
ALTER TABLE Purses
ADD fightID int NOT NULL
GO

ALTER TABLE Purses
ADD fighterID int NOT NULL
GO

ALTER TABLE Purses
ADD CONSTRAINT fkFightID FOREIGN KEY (fightID)
    REFERENCES Fights (fightID)
        ON UPDATE CASCADE
        ON DELETE CASCADE
GO

```

```
ALTER TABLE Purses
ADD CONSTRAINT fkFighterPurseID FOREIGN KEY (fighterID)
    REFERENCES Fighters (fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
```

GO

```
ALTER TABLE Purses
ADD CONSTRAINT pkFighterPurseID PRIMARY KEY (fighterID, fightID)
GO
```

-- alter panles to contain better info usefull for telling wins

```
ALTER TABLE Panles
ADD winner INT --the winning fighter id
GO
```

```
ALTER TABLE Panles
ADD CONSTRAINT fkwinningFighter FOREIGN KEY (winner)
    REFERENCES Fighters (fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
```

GO

--fix the fight table primary key  
--drop all the fk

```
ALTER TABLE FightCombatants
DROP CONSTRAINT fkFight
GO
```

```
ALTER TABLE RuleSets
DROP CONSTRAINT fkFightRlueset
GO
```

```
ALTER TABLE WeightClasses
DROP CONSTRAINT fkFightWeight
GO
```

```
ALTER TABLE Panles
DROP CONSTRAINT fkFightPannel
GO
```

```
ALTER TABLE Purses
DROP CONSTRAINT fkFightID
```

GO

```
ALTER TABLE Purses
DROP CONSTRAINT fkFighterPurseID
GO
```

```
--drop purses key to re configure
ALTER TABLE Purses
DROP CONSTRAINT pkFighterPurseID
GO
```

```
ALTER TABLE Panles
DROP CONSTRAINT fkwinningFighter
GO
```

```
ALTER TABLE Fights
DROP CONSTRAINT pkFightID
GO
```

```
-- change the fight table
ALTER TABLE Fights
DROP COLUMN FightID
GO
```

```
ALTER TABLE Fights
ALTER COLUMN cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE Fights
ALTER COLUMN fightNum int NOT NULL
GO
```

```
ALTER TABLE Fights
ADD CONSTRAINT pkFight PRIMARY KEY (fightNum, cardName)
GO
```

```
--readd the fk from fights
ALTER TABLE WeightClasses
DROP CONSTRAINT pkWeightClass
GO
```

```
ALTER TABLE WeightClasses
DROP COLUMN fightID
GO
```

```
ALTER TABLE WeightClasses
ADD fightNum int NOT NULL
GO
```

```
ALTER TABLE WeightClasses
ADD cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE WeightClasses
ADD CONSTRAINT fkFightWeight FOREIGN KEY (fightNum,cardName)
    REFERENCES Fights (fightNum,cardName)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE WeightClasses
ADD CONSTRAINT pkFightWeight PRIMARY KEY (fightNum,cardName)
GO
```

```
--rule set
ALTER TABLE RuleSets
DROP CONSTRAINT pkFightRuleSet
GO
```

```
ALTER TABLE RuleSets
DROP COLUMN fightid
GO
```

```
ALTER TABLE RuleSets
ADD fightNum int NOT NULL
GO
```

```
ALTER TABLE RuleSets
ADD cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE RuleSets
ADD CONSTRAINT fkFightRules FOREIGN KEY (fightNum,cardName)
    REFERENCES Fights (fightNum,cardName)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE RuleSets
ADD CONSTRAINT pkFightRules PRIMARY KEY (fightNum,cardName)
GO
```

```
--combatants
ALTER TABLE FightCombatants
DROP CONSTRAINT pkFFID
GO
```

```
ALTER TABLE FightCombatants
DROP COLUMN fightid
GO
```

```
ALTER TABLE FightCombatants
ADD fightNum int NOT NULL
GO
```

```
ALTER TABLE FightCombatants
ADD cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE FightCombatants
ADD CONSTRAINT fkFight FOREIGN KEY (fightNum,cardName)
    REFERENCES Fights (fightNum,cardName)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE FightCombatants
ADD CONSTRAINT pkFightCombatants PRIMARY KEY (fightNum,cardName,fighterID)
GO
```

--alter fight combatants to have the relation with purses as they are occurrences of when  
-- fighters fight, they are not relevant to the fights table as many instances are needed per  
fight

```
-- judges and panels
ALTER TABLE Judges
DROP CONSTRAINT fkPanel
GO
```

```
ALTER TABLE Panels
DROP CONSTRAINT pkFightPanel
GO
```

```
ALTER TABLE Panles
DROP COLUMN fightid
GO
```

```
ALTER TABLE Panles
ADD fightNum int NOT NULL
GO
```

```
ALTER TABLE Panles
ADD cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE Panles
ADD CONSTRAINT fkFightPanles FOREIGN KEY (fightNum,cardName)
    REFERENCES Fights (fightNum,cardName)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE Panles
DROP CONSTRAINT fkFightPanles
GO
```

```
ALTER TABLE Panles
ADD fighterID int NOT NULL
GO
```

```
ALTER TABLE Panles
DROP COLUMN winner
GO
```

```
ALTER TABLE Panles
ADD isWinner bit NOT NULL
GO
```

```
ALTER TABLE Panles
ADD CONSTRAINT fkFightPanles FOREIGN KEY (fightNum,cardName,fighterID)
    REFERENCES FightCombatants (fightNum,cardName,fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE Panles
ADD CONSTRAINT pkFightPanles PRIMARY KEY (fightNum,cardName,fighterID)
```

GO

--judges

ALTER TABLE Judges  
DROP COLUMN fightPannel  
GO

ALTER TABLE Judges  
ADD fightNum int NOT NULL  
GO

ALTER TABLE Judges  
ADD cardName varchar(100) NOT NULL  
GO

ALTER TABLE Judges  
ADD fighterID int NOT NULL  
GO

ALTER TABLE Judges  
ADD CONSTRAINT fkFightJudge FOREIGN KEY (fightNum,cardName,fighterID)  
REFERENCES Panles (fightNum,cardName,fighterID)  
ON UPDATE CASCADE  
ON DELETE CASCADE

GO

ALTER TABLE Judges  
DROP COLUMN dateOfBirth  
GO

ALTER TABLE Judges  
DROP CONSTRAINT pkJudge

ALTER TABLE Judges  
ADD CONSTRAINT pkFightJudge PRIMARY KEY  
(fightNum,cardName,fighterID,judgeName)  
GO

--a given judges score card

CREATE TABLE Scores (  
    judgeName  varchar(100) NOT NULL,  
    fightNum   int,  
    fighterID  int,  
    cardName   int,

```
        roundNum    int,  
        score       int,  
);  
GO
```

```
ALTER TABLE Scores  
ALTER COLUMN cardName varchar(100)  
GO
```

```
ALTER TABLE Scores  
ADD CONSTRAINT fkJudgeRoundScore FOREIGN KEY  
(fightNum,cardName,fighterID,judgeName)  
    REFERENCES Judges (fightNum,cardName,fighterID,judgeName)  
        ON UPDATE CASCADE  
        ON DELETE CASCADE  
GO
```

```
ALTER TABLE Scores  
DROP CONSTRAINT fkJudgeRoundScore  
GO
```

```
ALTER TABLE Scores  
ALTER COLUMN cardName varchar(100) NOT NULL  
GO
```

```
ALTER TABLE Scores  
ALTER COLUMN fighterID int NOT NULL  
GO
```

```
ALTER TABLE Scores  
ALTER COLUMN fightNum int NOT NULL  
GO
```

```
ALTER TABLE Scores  
ADD CONSTRAINT fkJudgeRoundScore FOREIGN KEY  
(fightNum,cardName,fighterID,judgeName)  
    REFERENCES Judges (fightNum,cardName,fighterID,judgeName)  
        ON UPDATE CASCADE  
        ON DELETE CASCADE  
GO
```

```
ALTER TABLE Scores  
ALTER COLUMN RoundNum int NOT NULL  
GO
```



```
ALTER TABLE Scores
ADD CONSTRAINT pkJudgeRoundScore PRIMARY KEY
(fightNum,cardName,fighterID,judgeName,roundNum)
GO
```

```
-- purses
ALTER TABLE Purses
DROP COLUMN fightid
GO
```

```
ALTER TABLE Purses
ADD fightNum int NOT NULL
GO
```

```
ALTER TABLE Purses
ADD cardName varchar(100) NOT NULL
GO
```

```
ALTER TABLE Purses
ADD CONSTRAINT fkFightPurse FOREIGN KEY (fightNum,cardName,fighterID)
REFERENCES FightCombatants (fightNum,cardName,fighterID)
ON UPDATE CASCADE
ON DELETE CASCADE
GO
```

```
ALTER TABLE Purses
ADD CONSTRAINT pkFightPurse PRIMARY KEY (fightNum,cardName,fighterID)
GO
```

```
-- change the weight class to an int
ALTER TABLE WeightClasses
ALTER COLUMN weightClass int NOT NULL
GO
```

```
-- add normal weight
ALTER TABLE PhysicalStats
ADD normalWeight int
GO
```

```
-- allow for nulls
ALTER TABLE Panles
ALTER COLUMN judgingSystem varchar(100)
GO
```

```
ALTER TABLE Panles
ALTER COLUMN decision varchar(100)
GO
```

```
-- rework pannles
ALTER TABLE Panles
DROP CONSTRAINT fkFightPanles
GO
```

```
ALTER TABLE Panles
ADD CONSTRAINT fkFightPanles FOREIGN KEY (fightNum,cardName,fighterID)
    REFERENCES FightCombatants (fightNum,cardName,fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE Fights
DROP COLUMN opponetName
```

```
--fix the caculated column isuse
-- striking stats
ALTER TABLE StrkingStats
DROP COLUMN accuracy
GO
```

```
ALTER TABLE StrkingStats
ALTER COLUMN success float
GO
```

```
ALTER TABLE StrkingStats
ALTER COLUMN attempt float
GO
```

```
ALTER TABLE StrkingStats
ADD accuracy as (success/attempt) * 100
GO
```

```
--Def string stats
ALTER TABLE DefStrikingStats
DROP COLUMN defense
GO
```

```
ALTER TABLE DefStrikingStats
```

```
ALTER COLUMN hit float  
GO
```

```
ALTER TABLE DefStrikingStats  
ALTER COLUMN attempt float  
GO
```

```
ALTER TABLE DefStrikingStats  
ADD defense as (hit/attempt) * 100  
GO
```

```
-- sub stats  
ALTER TABLE SubmissionStats  
DROP COLUMN accuracy  
GO
```

```
ALTER TABLE SubmissionStats  
ALTER COLUMN success float  
GO
```

```
ALTER TABLE SubmissionStats  
ALTER COLUMN attempt float  
GO
```

```
ALTER TABLE SubmissionStats  
ADD accuracy as (success/attempt) * 100  
GO
```

```
--Def sub stats  
ALTER TABLE DefSubmissionStats  
DROP COLUMN defense  
GO
```

```
ALTER TABLE DefSubmissionStats  
ALTER COLUMN subed float  
GO
```

```
ALTER TABLE DefSubmissionStats  
ALTER COLUMN attempt float  
GO
```

```
ALTER TABLE DefSubmissionStats  
ADD defense as (subed/attempt) * 100  
GO
```

```
-- Wrestling stats
ALTER TABLE WrestlingStats
DROP COLUMN accuracy
GO
```

```
ALTER TABLE WrestlingStats
ALTER COLUMN success float
GO
```

```
ALTER TABLE WrestlingStats
ALTER COLUMN attempt float
GO
```

```
ALTER TABLE WrestlingStats
ADD accuracy as (success/attempt) * 100
GO
```

```
-- Def Wrestling stats
ALTER TABLE DefWrestlingStats
DROP COLUMN defense
GO
```

```
ALTER TABLE DefWrestlingStats
ALTER COLUMN takendown float
GO
```

```
ALTER TABLE DefWrestlingStats
ALTER COLUMN attempt float
GO
```

```
ALTER TABLE DefWrestlingStats
ADD accuracy as (takendown/attempt) * 100
GO
```

```
-- rename some defensive stats columns
ALTER TABLE DefWrestlingStats
DROP COLUMN accuracy
GO
```

```
ALTER TABLE DefWrestlingStats
DROP COLUMN takendown
GO
```

```
ALTER TABLE DefWrestlingStats
ADD takedownStoped float
GO
```

```
ALTER TABLE DefWrestlingStats
ADD defense as (takedownStoped/attempt) * 100
GO
```

```
--Def string stats
ALTER TABLE DefStrikingStats
DROP COLUMN defense
GO
```

```
ALTER TABLE DefStrikingStats
DROP COLUMN hit
GO
```

```
ALTER TABLE DefStrikingStats
ADD strikeMissed float
GO
```

```
ALTER TABLE DefStrikingStats
ADD defense as (strikeMissed/attempt) * 100
GO
```

```
--correct spelling
DROP TABLE StrkingStats
GO
```

```
-- offensive striking stats
CREATE TABLE StrikingStats (
    FighterID          int NOT NULL,
    success              float,
    attempt              float,
    accuracy             as (success / attempt) * 100
    --primary key
    CONSTRAINT pkStrikingStats PRIMARY KEY (fighterID),
    --foreign key
    CONSTRAINT fkFighterID5 FOREIGN KEY (fighterID)
        REFERENCES Fighters(fighterID)
        ON UPDATE CASCADE
        ON DELETE CASCADE,
);
GO
```

```
--correct spelling
ALTER TABLE Panles
DROP CONSTRAINT fkFightPanles
GO
```

```
ALTER TABLE Judges
DROP CONSTRAINT fkFightJudge
GO
```

```
DROP TABLE Panles
GO
```

```
CREATE TABLE Panels (
    judgingSystem    varchar(100),
    decision          varchar(100),
    fightNum          int    NOT NULL,
    cardName          varchar(100) NOT NULL,
    fighterID         int    NOT NULL,
    isWinner          bit NOT NULL
);
GO
```

```
ALTER TABLE Panels
ADD CONSTRAINT fkFightPanle FOREIGN KEY (fightNum,cardName,fighterID)
    REFERENCES FightCombatants (fightNum,cardName,fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE Panels
DROP CONSTRAINT fkFightPanle
GO
```

```
ALTER TABLE Panels
ADD CONSTRAINT fkFightPanel FOREIGN KEY (fightNum,cardName,fighterID)
    REFERENCES FightCombatants (fightNum,cardName,fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
GO
```

```
ALTER TABLE Panels
ADD CONSTRAINT pkFightPanel PRIMARY KEY (fightNum,cardName,fighterID)
GO
```

```
ALTER TABLE Judges
ADD CONSTRAINT fkFightJudge FOREIGN KEY (fightNum,cardName,fighterID)
    REFERENCES Panels (fightNum,cardName,fighterID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
```

GO

```
ALTER TABLE Scores
ALTER COLUMN score int NOT NULL
GO
```

```
ALTER TABLE RuleSets
ALTER COLUMN commissionName varchar(100) NOT NULL
GO
```

### **DML scripts to populate with data**

```
USE CombatSports
GO
```

```
--add data to the Fighters table
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Khabib Nurmagomedov','The Eagle')
GO
```

```
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Eddie Alvarez','The Underground King')
GO
```

```
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Edson Barboza','Junior')
GO
```

```
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Tony Ferguson','El Cucuy')
GO
```

```
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Justin Gaethje','The Highlight')
GO
```

```
INSERT INTO Fighters (fighterName, nickName)
    VALUES('Conor McGregor','The Notorious')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Dustin Poirier','The Diamond')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Kevin Lee','The Motown Phenom')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Anthony Pettis','Showtime')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Al Iaquinta','Raging')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Nate Diaz','')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Michael Chiesa','Maverick')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('James Vick','The Texecutioner')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Alexander Hernandez','The Great')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Dan Hooker','The Hangman')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Francisco Trinaldo','Massaranduba')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Paul Felder','The Irish Dragon')
```



GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Joe Lauzon','')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Nick Newell','Notorious')
```

GO

```
INSERT INTO Fighters (fighterName, nickName)
VALUES('Marc Diakiese','Bonecrusher')
```

GO

--add DOB

```
UPDATE Fighters
SET dateOfBirth='19880920'
WHERE fighterID='1';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19840111'
WHERE fighterID='2';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19860121'
WHERE fighterID='3';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19840212'
WHERE fighterID='4';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19881114'
WHERE fighterID='5';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19880714'
WHERE fighterID='6';
```

GO

```
UPDATE Fighters
SET dateOfBirth='19890119'
WHERE fighterID='7';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19920904'
WHERE fighterID='8';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19870127'
WHERE fighterID='9';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19870430'
WHERE fighterID='10';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19850416'
WHERE fighterID='11';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19871207'
WHERE fighterID='12';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19870223'
WHERE fighterID='13';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19921001'
WHERE fighterID='14';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19900213'
WHERE fighterID='15';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19780824'
WHERE fighterID='16';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19850425'
WHERE fighterID='17';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19840522'
WHERE fighterID='18';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19860317'
WHERE fighterID='19';
GO
```

```
UPDATE Fighters
SET dateOfBirth='19930316'
WHERE fighterID='20';
GO
```

```
-- fill the fighter stats
INSERT INTO Records (fighterID, win, loss, draw)
VALUES('1','27','0','0')
GO
```

```
INSERT INTO Records (fighterID, win, loss,noContest, draw)
VALUES('2','29','6','1','0')
GO
```

```
INSERT INTO Records (fighterID, win, loss,draw)
VALUES('3','19','5','0')
GO
```

```
INSERT INTO Records (fighterID, win, loss,draw)
VALUES('4','26','3','0')
GO
```

```
INSERT INTO Records (fighterID, win, loss,draw)
```

```
VALUES('5','19','2','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('6','21','4','0')
GO

INSERT INTO Records (fighterID, win, loss,noContest, draw)
VALUES('7','23','5','1','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('8','16','4','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('9','21','8','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('10','13','4','1')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('11','20','11','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('12','14','4','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('13','13','2','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('14','10','1','0')
GO

INSERT INTO Records (fighterID, win, loss,noContest)
VALUES('15','18','7','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
```

```
VALUES('16','23','6','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('17','15','14','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('18','27','16','0')
GO

INSERT INTO Records (fighterID, win, loss,draw)
VALUES('19','14','2','0')
GO

INSERT INTO Records (fighterID, win, loss, noContest)
VALUES('20','12','3','0')
GO

--fix errors

UPDATE Records
SET draw='0'
WHERE fighterID='20';
GO

UPDATE Records
SET draw='0'
WHERE fighterID='15';
GO

UPDATE Records
SET noContest=null
WHERE fighterID='20';
GO

UPDATE Records
SET noContest=null
WHERE fighterID='15';
GO

--add physical stats
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('1','70','male','40','70')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('2','69','male','40','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('3','75','male','41','71')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('4','76','male','40','71')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('5','70','male','40','71')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('6','74','male','40','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('7','72','male','40','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('8','77','male','39','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('9','72','male','40','70')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('10','70','male','40','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('11','76','male','38','72')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('12','75','male','43','73')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('13','76','male','43','75')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('14','72','male','39','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('15','75','male','42','72')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('16','70','male','40','69')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight)
VALUES ('17','70','male','40','71')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('18','71','male','40','70')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender, hight, legReach)
VALUES ('19','74','male','70','')
```

```
GO
```

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight)
VALUES ('20','73','male','39','70')
```

```
GO
```

```
--add values into gyms
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('1','American Kickboxing Academy')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('2','Ricardo Almeida BJJ')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('3','Ricardo Almeida BJJ')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('4','Team Death Clutch')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('5','SBG Ireland')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('6','SBG Ireland')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('7','American Top Team')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('8','Xtreme Couture')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('9','Roufusport')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('10','Serra-Longo Fight Team')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('11','Cesar Gracie Jiu-Jitsu')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('12','Team Alpha Male')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('13','Team Lloyd Irvin')
```

```
GO
```



```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('14','Ohana Academy')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('15','Tiger Muay Thai')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('16','Evolucao Thai')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('17','Roufusport')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('18','Lauzon MMA')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('19','Fighting Arts Academy')
```

```
GO
```

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('20','American Top Team')
```

```
GO
```

```
--fix data
```

```
UPDATE Gyms
```

```
SET gymName='Genesis Training Center'
```

```
WHERE fighterID='5';
```

```
GO
```

```
--add striking stats
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('1','657','1323')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('2','400','970')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('3','738','1899')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('4','832','1865')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('5','348','638')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('6','524','1074')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('7','1146','2302')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('8','585','1295')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('9','672','1483')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('10','526','1312')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('11','1311','2965')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('12','193','509')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('13','395','1023')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('14','47','94')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('15','335','762')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('16','673','1483')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('17','444','1017')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('18','580','1489')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID)
VALUES ('19')
```

```
GO
```

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('20','171','523')
```

```
GO
```

```
--add wrestling stats
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('1','52','116')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('2','12','46')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('3','7','14')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('4','6','14')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID)
VALUES ('5')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('6','5','8')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('7','24','58')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('8','32','75')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('9','12','22')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('10','8','28')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('11','22','73')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('12','17','43')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('13','2','6')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('14','4','10')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('15','3','7')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('16','16','35')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('17','3','9')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('18','33','73')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID)
VALUES ('19')
```

```
GO
```

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('20','9','29')
```

```
GO
```

```
--add submission stats
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('1','9')
```

```
GO
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('2','7')
```

```
GO
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('3','1')
```

```
GO
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('4','8')
```

```
GO
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('5','1')
```

```
GO
```

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('6','1')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('7','7')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('8','8')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('9','8')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('10','1')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('11','12')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('12','10')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('13','5')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('14','2')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('15','7')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('16','5')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('17','1')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('18','18')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('19','9')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('20','1')
```

GO

--defensive submission stats

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('1','0')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('2','2')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('3','2')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('4','1')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('5','0')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('6','4')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('7','1')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
```

```
VALUES      ('8','1')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('9','1')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('10','3')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('11','1')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('12','3')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('13','0')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('14','0')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('15','2')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('16','3')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('17','0')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('18','3')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
```



```
VALUES      ('19','0')
GO

INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES      ('20','1')
GO

--add Def striking stats
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('1','6.7','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('2','5.6','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('3','6','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('4','6.4','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('5','5.4','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('6','5.5','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('7','5.6','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('8','5.2','10')
GO

INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('9','5.5','10')
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('10','6.2','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('11','5.5','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('12','5.1','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('13','6.3','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('14','4.7','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('15','5.7','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('16','6','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('17','5.1','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('18','5.5','10')
```

```
GO
```

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('20','5.5','10')
```

```
GO
```

```
--add defwrestling stats
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('1','8.5','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('2','9.3','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('3','8','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('4','7.7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID, takedownStoped,attempt)
VALUES ('5','8','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('6','7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('7','6.9','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('8','7.5','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('9','5.9','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('10','7.7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('11','4.6','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('12','6.8','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('13','5.7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('14','6.7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('15','7.7','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('16','6.3','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('17','5.9','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('18','5.5','10')
```

```
GO
```

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('20','6.2','10')
```

```
GO
```

```
-- promoter information
```

```
INSERT INTO Promoters(president, promoterName)
VALUES('Dana White','Ultimate Fighting Championship')
```

```
GO
```

```
UPDATE Promoters
SET revenue='700000000'
WHERE promoterName='Ultimate Fighting Championship';
```

```
GO
```

```
INSERT INTO Promoters(president, promoterName, revenue)
VALUES('Scott Coker','Bellator MMA','15000000')
```

```
GO
```

```
INSERT INTO Promoters(CEO, promoterName, revenue)
```

```

VALUES('Chatri Sityodtong','One FC','16000000')
GO

INSERT INTO Promoters(CEO, promoterName, president)
VALUES('Peter Murray','Professional Fighters League','Carlos Silva')
GO

-- card data
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC 229','12','Khabib vs McGregor','10/6/2018','Ultimate Fighting
Championship')
GO

UPDATE Cards
SET coMainEvent='Ferguson vs Pettis'
WHERE cardName='UFC 229'

INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName,
coMainEvent)
VALUES('UFC Fight Night: Santos vs. Anders','14','Santos vs
Anders','9/22/2018','Ultimate Fighting Championship','Oliveria vs Pedersoli')
GO

INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC Fight Night: Gaethje vs. Vick','13','Gaethje vs
Vick','8/25/2018','Ultimate Fighting Championship')
GO

INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName,
coMainEvent)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','13','Alvarez vs.
Poirier','7/28/2018','Ultimate Fighting Championship','Aldo vs Stephens')
GO

INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName,
coMainEvent)
VALUES('UFC 226','11','Miocic vs. Cormier','7/7/2018','Ultimate Fighting
Championship','Lewis vs Ngannou')
GO

INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC Fight Night: Barboza vs. Lee','11','Barboza vs.
Lee','4/21/2018','Ultimate Fighting Championship')
GO

```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC on Fox: Poirier vs. Gaethje','13','Poirier vs.
Gaethje','4/14.2018','Ultimate Fighting Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC 223','9','Khabib vs. Iaquinta','4/7/2018','Ultimate Fighting
Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC 222','12','Cyborg vs. Kunitskaya','3/3/2018','Ultimate Fighting
Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC Fight Night: Cowboy vs. Medeiros','12','Cowboy vs.
Medeiros','2/18/2018','Ultimate Fighting Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC 219: Cyborg vs. Holm','10','Cyborg vs. Holm','12/30/2017','Ultimate
Fighting Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC 218: Holloway vs. Aldo 2','13','Holloway vs.
Aldo','12/2/2017','Ultimate Fighting Championship')
GO
```

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC Fight Night: Poirier vs. Pettis','13','Poirier vs.
Pettis','11/11/2017','Ultimate Fighting Championship')
GO
```

--fight data

```
INSERT INTO Fights(fightNum, cardName)
VALUES('13','UFC Fight Night: Poirier vs. Pettis')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('8','UFC 218: Holloway vs. Aldo 2')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('10','UFC 218: Holloway vs. Aldo 2')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('8','UFC 219: Cyborg vs. Holm')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('9','UFC 219: Cyborg vs. Holm')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('6','UFC 222')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('5','UFC 223')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('9','UFC 223')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('8','UFC 226')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('2','UFC 226')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('11','UFC 229')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('12','UFC 229')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('6','UFC Fight Night: Barboza vs. Lee')
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('11','UFC Fight Night: Barboza vs. Lee')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('10','UFC Fight Night: Cowboy vs. Medeiros')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('13','UFC Fight Night: Gaethje vs. Vick')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('8','UFC Fight Night: Santos vs. Anders')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('10','UFC on Fox: Alvarez vs. Poirier 2')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('13','UFC on Fox: Alvarez vs. Poirier 2')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('14','UFC on Fox: Poirier vs. Gaethje')
```

```
GO
```

```
INSERT INTO Fights(fightNum, cardName)
VALUES('8','UFC Fight Night: Poirier vs. Pettis')
```

```
GO
```

```
-- add the relation between fighters and fights
```

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('15','2','UFC 226')
```

```
GO
```

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('18','5','UFC 223')
```

```
GO
```

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('1','9','UFC 223')
```



GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('10','9','UFC 223')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('14','6','UFC 222')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('15','6','UFC Fight Night: Barboza vs. Lee')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('3','11','UFC Fight Night: Barboza vs. Lee')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('8','11','UFC Fight Night: Barboza vs. Lee')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('5','8','UFC 218: Holloway vs. Aldo 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('2','8','UFC 218: Holloway vs. Aldo 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('15','8','UFC 219: Cyborg vs. Holm')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('20','8','UFC 219: Cyborg vs. Holm')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('1','9','UFC 219: Cyborg vs. Holm')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('3','9','UFC 219: Cyborg vs. Holm')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('9','8','UFC 226')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('12','8','UFC 226')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('16','8','UFC Fight Night: Santos vs. Anders')
```

GO

```
UPDATE    FightCombatants
SET        fightNum='10'
WHERE      cardName='UFC 218: Holloway vs. Aldo 2'
```

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('17','8','UFC 218: Holloway vs. Aldo 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('13','10','UFC Fight Night: Cowboy vs. Medeiros')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('2','13','UFC on Fox: Alvarez vs. Poirier 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('7','13','UFC on Fox: Alvarez vs. Poirier 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('14','10','UFC on Fox: Alvarez vs. Poirier 2')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('4','11','UFC 229')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('9','11','UFC 229')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('1','12','UFC 229')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('6','12','UFC 229')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('7','14','UFC on Fox: Poirier vs. Gaethje')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('5','14','UFC on Fox: Poirier vs. Gaethje')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('5','13','UFC Fight Night: Gaethje vs. Vick')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('13','13','UFC Fight Night: Gaethje vs. Vick')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('7','13','UFC Fight Night: Poirier vs. Pettis')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('9','13','UFC Fight Night: Poirier vs. Pettis')
```

GO

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('18','8','UFC Fight Night: Poirier vs. Pettis')
```

GO

-- add normal weight classes

UPDATE PhysicalStats

SET normalWeight=155

WHERE fighterID='1';

GO

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='2';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='3';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='4';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='5';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='6';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='7';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='8';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='9';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='10';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='11';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='12';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='13';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='14';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='15';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='16';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='17';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='18';  
GO
```

```
UPDATE PhysicalStats  
SET normalWeight=155  
WHERE fighterID='19';
```

GO

```
UPDATE PhysicalStats
SET normalWeight=155
WHERE fighterID='20';
GO
```

-- add in the weight classes for each fight

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 223','5','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 222','6','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Barboza vs. Lee','6','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 218: Holloway vs. Aldo 2','8','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 219: Cyborg vs. Holm','8','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 226','8','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Poirier vs. Pettis','8','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Santos vs. Anders','8','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 219: Cyborg vs. Holm','9','male','MMA','155')
```

GO

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 223','9','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 218: Holloway vs. Aldo 2','10','male','MMA','')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Cowboy vs. Medeiros','10','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','10','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 229','11','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Barboza vs. Lee','11','male','MMA','157')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC 229','12','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Gaethje vs. Vick','13','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Poirier vs. Pettis','13','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','13','male','MMA','155')
```

```
GO
```

```
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC on Fox: Poirier vs. Gaethje','14','male','MMA','155')
```

```
GO
```

```
UPDATE WeightClasses
SET weightClass='155'
WHERE cardName='UFC 218: Holloway vs. Aldo 2'
AND fightNum='10'
```

-- add data to the panels table

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('1','9','UFC 219: Cyborg vs. Holm','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('1','9','UFC 223','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('1','12','UFC 229','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('2','13','UFC on Fox: Alvarez vs. Poirier 2','0')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('2','10','UFC 218: Holloway vs. Aldo 2','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('3','9','UFC 219: Cyborg vs. Holm','0')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('3','11','UFC Fight Night: Barboza vs. Lee','0')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('4','11','UFC 229','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('5','13','UFC Fight Night: Gaethje vs. Vick','1')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('5','14','UFC on Fox: Poirier vs. Gaethje','0')
```



GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('5','10','UFC 218: Holloway vs. Aldo 2','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('6','12','UFC 229','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('7','14','UFC on Fox: Poirier vs. Gaethje','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('7','13','UFC on Fox: Alvarez vs. Poirier 2','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('7','13','UFC Fight Night: Poirier vs. Pettis','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('8','11','UFC Fight Night: Barboza vs. Lee','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('9','11','UFC 229','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('9','13','UFC Fight Night: Poirier vs. Pettis','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('9','8','UFC 226','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('10','9','UFC 223','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('12','8','UFC 226','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('13','10','UFC Fight Night: Cowboy vs. Medeiros','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('13','13','UFC Fight Night: Gaethje vs. Vick','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('14','10','UFC on Fox: Alvarez vs. Poirier 2','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('14','6','UFC 222','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('15','6','UFC Fight Night: Barboza vs. Lee','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('15','2','UFC 226','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('15','8','UFC 219: Cyborg vs. Holm','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('16','8','UFC Fight Night: Santos vs. Anders','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('17','8','UFC 218: Holloway vs. Aldo 2','1')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('18','5','UFC 223','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('18','8','UFC Fight Night: Poirier vs. Pettis','0')
```

GO

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('20','8','UFC 219: Cyborg vs. Holm','0')
```

GO

--fighter agents data

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('1','Shonda Marston')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('2','Cairo Leonardson')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('3','Jolene Tyrell')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('4','Shonda Marston')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('5','London Hunter')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('6','Cairo Leonardson')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('7','Maddy James')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('8','Shonda Marston')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
VALUES('9','Jolene Tyrell')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
```

```
VALUES('10','Cairo Leonardson')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('11','Garret Fry')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('12','Maddy James')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('13','Cairo Leonardson')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('14','Jolene Tyrell')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('15','London Hunter')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('16','Jolene Tyrell')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('17','Myles Hailey')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('18','Garret Fry')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('19','Maddy James')
GO

INSERT INTO Agencies(fighterID, AgentName)
VALUES('20','London Hunter')
GO
```

--fight locations

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 218: Holloway vs. Aldo 2','Boston','United States','TD Garden')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 219: Cyborg vs. Holm','brooklyn','United States','barclay center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 222','Las Vegas','United States','MGM Arena')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 223','los angeles','United States','Staples Center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 226','Boston','United States','TD Garden')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC 229"Las Vegas','United States','MGM Arena')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Barboza vs. Lee','brooklyn','United States','barclay
center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Cowboy vs. Medeiros','Boston','United States','TD
Garden')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Gaethje vs. Vick','los angeles','United States','Staples
Center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Poirier vs. Pettis','brooklyn','United States','barclay
center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Santos vs. Anders','los angeles','United States','Staples
Center')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','Las Vegas','United States','MGM
Arena')
GO
```

```
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC on Fox: Poirier vs. Gaethje','brooklyn','United States','barclay center')
GO
```

```
--ref data
INSERT INTO Refs(refName)
VALUES('Mark Matheny')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Rob Hinds')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Minoru Toyonaga')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Josh Rosenthal')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Jason Herzog')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Keith Peterson')
GO
```

```
INSERT INTO Refs(refName)
VALUES('Leon Roberts')
GO
```

```
INSERT INTO Refs(refName)
```

```
VALUES('Marc Goddard')
GO

INSERT INTO Refs(refName)
VALUES('John McCarthy')
GO

INSERT INTO Refs(refName)
VALUES('Herb Dean')
GO

--judge data
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Howard Ellisson','UFC 226','8','9')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Howard Ellisson','UFC 226','8','12')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Howard Ellisson','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Howard Ellisson','UFC Fight Night: Barboza vs. Lee','11','8')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Valarie Holmes','UFC 226','8','9')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Valarie Holmes','UFC 226','8','12')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Valarie Holmes','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Valarie Holmes','UFC Fight Night: Barboza vs. Lee','11','8')
GO
```

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Alexandra Waters','UFC 226','8','9')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Alexandra Waters','UFC 226','8','12')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Alexandra Waters','UFC Fight Night: Barboza vs. Lee','11','3')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Alexandra Waters','UFC Fight Night: Barboza vs. Lee','11','8')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Logan Corey','UFC 226','8','9')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Logan Corey','UFC 226','8','12')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Logan Corey','UFC Fight Night: Barboza vs. Lee','11','3')
```

GO

```
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
VALUES('Logan Corey','UFC Fight Night: Barboza vs. Lee','11','8')
```

GO

--judges score data

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Alexandra Waters','1','10')
```

GO

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Valarie Holmes','1','10')
```

GO

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Logan Corey','1','10')
```

GO



```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Alexandra Waters','2','10')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Valarie Holmes','2','10')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Logan Corey','2','10')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Alexandra Waters','1','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Valarie Holmes','1','8')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Logan Corey','1','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Alexandra Waters','2','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Valarie Holmes','2','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Logan Corey','2','8')
GO
```

```
--commission data
INSERT INTO Commissions(commissionName)
VALUES('New York Athletic Commission')
GO
```

```
INSERT INTO Commissions(commissionName)
VALUES('Nevada Athletic Commission')
```

GO

```
INSERT INTO Commissions(commissionName)
VALUES('Massachusetts Athletic Commission')
```

GO

```
INSERT INTO Commissions(commissionName)
VALUES('California Athletic Commission')
```

GO

--ruleset data

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC Fight Night: Santos vs. Anders','8','California Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC 226','8','Massachusetts Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC 229','11','Nevada Athletic Commission','MMA','professional','unified
mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC Fight Night: Barboza vs. Lee','11','New York Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC Fight Night: Poirier vs. Pettis','13','New York Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','13','Nevada Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC 218: Holloway vs. Aldo 2','8','Massachusetts Athletic
Commission','MMA','professional','unified mma rules')
```

GO

```
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC Fight Night: Gaethje vs. Vick','13','California Athletic
Commission','MMA','professional','unified mma rules')
GO
```

--purse data

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','0','250000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','100000','250000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Gaethje vs. Vick','13','5','50000','100000','25000')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Gaethje vs. Vick','13','13','0','100000','25000')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 218: Holloway vs. Aldo 2','10','2','125000','50000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 218: Holloway vs. Aldo 2','10','5','0','50000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','13','2','0','75000','1000')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC on Fox: Alvarez vs. Poirier 2','13','7','10000','75000','1000')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 229','12','1','25000','275000','30000')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 229','12','6','0','275000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 229','11','4','25000','200000','0')
GO
```

```
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC 229','11','9','0','200000','0')
GO
```

```
--update fight refs
UPDATE Fights
SET refName = 'Marc Goddard'
WHERE cardName = 'UFC Fight Night: Barboza vs. Lee'
AND fightNum = '11'
GO
```

```
UPDATE Fights
SET refName = 'Marc Goddard'
WHERE cardName = 'UFC 226'
AND fightNum = '2'
GO
```

```
UPDATE Fights
SET refName = 'Marc Goddard'
WHERE cardName = 'UFC 223'
AND fightNum = '9'
GO
```

```
UPDATE Fights
SET refName = 'Jason Herzog'
WHERE cardName = 'UFC 223'
AND fightNum = '5'
GO
```

```
UPDATE Fights
SET refName = 'Jason Herzog'
WHERE cardName = 'UFC 219: Cyborg vs. Holm'
AND fightNum = '9'
GO
```

```
UPDATE Fights
```

```
SET refName = 'Jason Herzog'
WHERE cardName = 'UFC Fight Night: Gaethje vs. Vick'
      AND fightNum = '13'
GO
```

```
UPDATE Fights
SET refName = 'John McCarthy'
WHERE cardName = 'UFC 219: Cyborg vs. Holm'
      AND fightNum = '8'
GO
```

```
UPDATE Fights
SET refName = 'John McCarthy'
WHERE cardName = 'UFC 222'
      AND fightNum = '6'
GO
```

```
UPDATE Fights
SET refName = 'John McCarthy'
WHERE cardName = 'UFC Fight Night: Cowboy vs. Medeiros'
      AND fightNum = '10'
GO
```

```
UPDATE Fights
SET refName = 'Herb Dean'
WHERE cardName = 'UFC Fight Night: Poirier vs. Pettis'
      AND fightNum = '13'
GO
```

```
UPDATE Fights
SET refName = 'Herb Dean'
WHERE cardName = 'UFC Fight Night: Poirier vs. Pettis'
      AND fightNum = '8'
GO
```

```
UPDATE Fights
SET refName = 'Herb Dean'
WHERE cardName = 'UFC Fight Night: Barboza vs. Lee'
      AND fightNum = '6'
GO
```

```
UPDATE Fights
SET refName = 'Minoru Toyonaga'
WHERE cardName = 'UFC on Fox: Alvarez vs. Poirier 2'
```

```
        AND fightNum = '10'  
GO
```

```
UPDATE Fights  
SET refName = 'Minoru Toyonaga'  
WHERE cardName = 'UFC on Fox: Alvarez vs. Poirier 2'  
        AND fightNum = '13'  
GO
```

```
UPDATE Fights  
SET refName = 'Minoru Toyonaga'  
WHERE cardName = 'UFC 229'  
        AND fightNum = '12'  
GO
```

```
UPDATE Fights  
SET refName = 'Leon Roberts'  
WHERE cardName = 'UFC 218: Holloway vs. Aldo 2'  
        AND fightNum = '8'  
GO
```

```
UPDATE Fights  
SET refName = 'Leon Roberts'  
WHERE cardName = 'UFC 226'  
        AND fightNum = '8'  
GO
```

```
UPDATE Fights  
SET refName = 'Leon Roberts'  
WHERE cardName = 'UFC Fight Night: Santos vs. Anders'  
        AND fightNum = '8'  
GO
```

```
UPDATE Fights  
SET refName = 'Leon Roberts'  
WHERE cardName = 'UFC on Fox: Poirier vs. Gaethje'  
        AND fightNum = '14'  
GO
```

```
UPDATE Fights  
SET refName = 'Rob Hinds'  
WHERE cardName = 'UFC 218: Holloway vs. Aldo 2'  
        AND fightNum = '10'  
GO
```

```
UPDATE Fights
SET refName = 'Rob Hinds'
WHERE cardName = 'UFC 229'
      AND fightNum = '11'
GO
```

### DML Script for report 1 - reach of top 5 lightweights

```
USE CombatSports
```

```
SELECT TOP 5
    TopFighters.fighterName,
    TopFighters.TotalWins,
    p.reach
FROM
    (
        SELECT
            f.fighterID,
            f.fighterName,
            COUNT(p.isWinner) TotalWins
        FROM Panels p
        INNER JOIN Fighters f
            ON p.fighterID = f.fighterID
        GROUP BY f.fighterName, f.fighterID
    ) TopFighters
INNER JOIN PhysicalStats p
    ON TopFighters.fighterID = p.fighterID
WHERE p.normalWeight = '155'
ORDER BY TopFighters.TotalWins DESC
```

## DML Script for report 2 - fighters who fought outside of their weight class

USE CombatSports

SELECT

    f.fighterName,  
    FighterWeights.weightClass,  
    p.normalWeight

FROM (

    SELECT

        c.fightDate,  
        fc.fighterID,  
        w.weightClass

    FROM FightCombatants fc

    INNER JOIN Fights f

        ON fc.cardName = f.cardName

        AND fc.fightNum = f.fightNum

    INNER JOIN Cards c

        ON f.cardName = c.cardName

    INNER JOIN WeightClasses w

        ON f.cardName = w.cardName

        AND f.fightNum = w.fightNum

    WHERE dbo.FindYearsSince(c.fightDate) < 1

    ) FighterWeights

    INNER JOIN PhysicalStats p

        ON FighterWeights.fighterID = p.fighterID

    INNER JOIN Fighters f

        ON p.fighterID = f.fighterID

WHERE FighterWeights.weightClass != p.normalWeight



### **DML Script for report 3 - total wins of all fighters**

USE CombatSports

```
SELECT
    f.fighterName,
    COUNT(p.isWinner) TotalWins
FROM Panels p
INNER JOIN Fighters f
    ON p.fighterID = f.fighterID
GROUP BY f.fighterName
ORDER BY TotalWins DESC
```

### **DML Script for report 4 - fighter with the best striking offense**

USE CombatSports

```
SELECT TOP 1
    f.fighterName,
    f.fighterID,
    s.attempt,
    s.success,
    s.accuracy
FROM Fighters f
INNER JOIN StrikingStats s
    ON f.fighterID = s.FighterID
ORDER BY s.accuracy DESC
```

### **DML Script for report 5 - number of fights in each weight class in the last year**

```
SELECT
    COUNT(DISTINCT c.cardName + CONVERT(varchar(100), f.fightNum))
DistinctFights,
    w.weightClass
FROM Cards c
INNER JOIN Fights f
    ON c.cardName = f.cardName
INNER JOIN FightCombatants fc
    ON f.cardName = fc.cardName
    AND f.fightNum = fc.fightNum
INNER JOIN WeightClasses w
    ON f.cardName = w.cardName
    AND f.fightNum = w.fightNum
WHERE dbo.FindYearsSince(c.fightDate) < 1
GROUP BY w.weightClass
ORDER BY w.weightClass ASC
```

### **DML moving through the database**

--This is an isolated example of adding  
--the maximum data for one fight and its  
--respective fighters

--the data shown is already in the database

-- fighters

```
INSERT INTO Fighters (fighterName, nickName, dateOfBirth)
    VALUES('Edson Barboza', 'Junior', '19860121')
```

GO

```
INSERT INTO Fighters (fighterName, nickName, dateOfBirth)
    VALUES('Kevin Lee', 'The Motown Phenom', '19920904')
```

GO

-- fighters agents

```
INSERT INTO Agencies(fighterID, AgentName)
    VALUES('3', 'Jolene Tyrell')
```

GO

```
INSERT INTO Agencies(fighterID, AgentName)
    VALUES('8', 'Shonda Marston')
```

GO

-- fighters records

```
INSERT INTO Records (fighterID, win, loss,draw)
VALUES('3','19','5','0')
```

GO

```
INSERT INTO Records (fighterID, win, loss,draw)
VALUES('8','16','4','0')
```

GO

-- fighters PhysicalStats

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach, hight, normalWeight)
VALUES ('3','75','male','41','71','155')
```

GO

```
INSERT INTO PhysicalStats(fighterID,reach,gender,legReach,hight, normalWeight)
VALUES ('8','77','male','39','69','155')
```

GO

--fighters main gym

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('3','Ricardo Almeida BJJ')
```

GO

```
INSERT INTO Gyms(FighterID,gymName)
VALUES ('8','Xtreme Couture')
```

GO

--striking stats

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('3','738','1899')
```

GO

```
INSERT INTO StrikingStats(FighterID,success,attempt)
VALUES ('8','585','1295')
```

GO

--wrestling stats

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('3','7','14')
```

GO

```
INSERT INTO WrestlingStats(FighterID,success,attempt)
VALUES ('8','32','75')
```

GO

--submission stats

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('3','1')
```

GO

```
INSERT INTO SubmissionStats(FighterID,success)
VALUES ('8','8')
```

GO

--defensive submission stats

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('3','2')
```

GO

```
INSERT INTO DefSubmissionStats(FighterID,subed)
VALUES ('8','1')
```

GO

--defensive striking stats

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('3','6','10')
```

GO

```
INSERT INTO DefStrikingStats(FighterID,strikeMissed,attempt)
VALUES ('8','5.2','10')
```

GO

--defensive wrestling stats

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('3','8','10')
```

GO

```
INSERT INTO DefWrestlingStats(FighterID,takedownStoped,attempt)
VALUES ('8','7.5','10')
```

GO

-- promoters

```
INSERT INTO Promoters(president, promoterName, revenue)
VALUES('Dana White','Ultimate Fighting Championship','700000000')
```

GO

-- card by promoter in database with both fighters fighting on the card

```
INSERT INTO Cards(cardName, numFights, mainEvent, fightDate, promoterName)
VALUES('UFC Fight Night: Barboza vs. Lee','11','Barboza vs.
Lee','4/21/2018','Ultimate Fighting Championship')
GO
```

```
-- ref for a fight
INSERT INTO Refs(refName)
VALUES('Marc Goddard')
GO
```

```
-- instance of fighter occurring
INSERT INTO Fights(fightNum, cardName,refName)
VALUES('11','UFC Fight Night: Barboza vs. Lee','Marc Goddard')
GO
```

```
-- add the two fighters to a fight
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('3','11','UFC Fight Night: Barboza vs. Lee')
GO
```

```
INSERT INTO FightCombatants(fighterID, fightNum,cardName)
VALUES('8','11','UFC Fight Night: Barboza vs. Lee')
GO
```

```
-- weight class for the fight
INSERT INTO WeightClasses(cardName, fightNum, gender, sport, weightClass)
VALUES('UFC Fight Night: Barboza vs. Lee','11','male','MMA','157')
GO
```

```
-- panel records to record the outcome of a fight and control scores
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('3','11','UFC Fight Night: Barboza vs. Lee','0')
GO
```

```
INSERT INTO Panels(fighterID, fightNum, cardName, isWinner)
VALUES('8','11','UFC Fight Night: Barboza vs. Lee','1')
GO
```

```
-- location of the fight
INSERT INTO FightLocations(cardName,city,country,arenaName)
VALUES('UFC Fight Night: Barboza vs. Lee','brooklyn','United States','barclay
center')
GO
```

```

-- judges for a fight
INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Howard Ellisson','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Howard Ellisson','UFC Fight Night: Barboza vs. Lee','11','8')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Valarie Holmes','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Valarie Holmes','UFC Fight Night: Barboza vs. Lee','11','8')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Alexandra Waters','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Alexandra Waters','UFC Fight Night: Barboza vs. Lee','11','8')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Logan Corey','UFC Fight Night: Barboza vs. Lee','11','3')
GO

INSERT INTO Judges(judgeName,cardName,fightNum,fighterID)
    VALUES('Logan Corey','UFC Fight Night: Barboza vs. Lee','11','8')
GO

--round one scores
--lee's scores
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
    VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Alexandra Waters','1','10')
GO

INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
    VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Valarie Holmes','1','10')
GO

```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Logan Corey','1','10')
GO
```

--Barboza's scores

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Alexandra Waters','1','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Valarie Holmes','1','8')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Logan Corey','1','9')
```

--round two scores

--lee's scores

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Alexandra Waters','2','10')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Valarie Holmes','2','10')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','Logan Corey','2','10')
GO
```

--Barboza's scores

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Alexandra Waters','2','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Valarie Holmes','2','9')
GO
```

```
INSERT INTO Scores(cardName,fightNum,fighterID,judgeName,roundNum,score)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','Logan Corey','2','8')
GO
```

--commission

```
INSERT INTO Commissions(commissionName)
VALUES('New York Athletic Commission')
GO
```

```
--rule set for a fight
INSERT INTO RuleSets(cardName,fightNum,commissionName,sport,fightLevel,ruleSet)
VALUES('UFC Fight Night: Barboza vs. Lee','11','New York Athletic
Commission','MMA','professional','unified mma rules')
GO
```

```
--payment for the fight
--lee's payment
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Barboza vs. Lee','11','8','100000','250000','0')
GO
```

```
--Barboza's payment
INSERT INTO Purses(cardName,fightNum,fighterID,winPay,showPay,fightBonus)
VALUES('UFC Fight Night: Barboza vs. Lee','11','3','0','250000','0')
GO
```