New data

CREATE CONSTRAINT `imp\_uniq\_Team\_teamID` IF NOT EXISTS

FOR (n: `Team`)

REQUIRE (n.`teamID`) IS UNIQUE;

LOAD CSV WITH HEADERS FROM 'file:///games.csv'

AS relRecord

MATCH (source: `Game` { `gameID`: toInteger(trim(relRecord.`gameID`)) })

MATCH (target: `League` { `leagueID`: toInteger(trim(relRecord.`leagueID`)) })

MERGE (source)-[r: `From\_league`]->(target)

SET r.`season` = toInteger(trim(relRecord.`season`))

SET r.`date` = relRecord.`date`

SET r.`homeGoals` = toInteger(trim(relRecord.`homeGoals`))

SET r.`awayGoals` = toInteger(trim(relRecord.`awayGoals`));

LOAD CSV WITH HEADERS FROM 'file:///teams.csv' AS nodeRecord

MERGE (n: `Team` { `teamID`: toInteger(trim(nodeRecord.`teamID`)) })

SET n.`name` = nodeRecord.`name`;

CREATE CONSTRAINT `imp\_uniq\_Game\_gameID` IF NOT EXISTS

FOR (n: `Game`)

REQUIRE (n.`gameID`) IS UNIQUE;

LOAD CSV WITH HEADERS FROM 'file:///games.csv' AS nodeRecord

MERGE (n: `Game` { `gameID`: toInteger(trim(nodeRecord.`gameID`)) })

SET n.`leagueID` = toLower(trim(nodeRecord.`leagueID`)) IN ['1','true','yes']

SET n.`season` = toInteger(trim(nodeRecord.`season`))

SET n.`date` = nodeRecord.`date`

SET n.`homeGoals` = toInteger(trim(nodeRecord.`homeGoals`))

SET n.`awayGoals` = toInteger(trim(nodeRecord.`awayGoals`))

SET n.`homeProbability` = toFloat(trim(nodeRecord.`homeProbability`))

SET n.`drawProbability` = toFloat(trim(nodeRecord.`drawProbability`))

SET n.`awayProbability` = nodeRecord.`awayProbability`

SET n.`homeGoalsHalfTime` = toInteger(trim(nodeRecord.`homeGoalsHalfTime`))

SET n.`awayGoalsHalfTime` = toInteger(trim(nodeRecord.`awayGoalsHalfTime`))

CREATE CONSTRAINT `imp\_uniq\_Player\_playerID` IF NOT EXISTS

FOR (n: `Player`)

REQUIRE (n.`playerID`) IS UNIQUE;

LOAD CSV WITH HEADERS FROM 'file:///players.csv' AS nodeRecord

MERGE (n: `Player` { `playerID`: toInteger(trim(nodeRecord.`playerID`)) })

SET n.`name` = nodeRecord.`name`;

CREATE CONSTRAINT `imp\_uniq\_League\_leagueID` IF NOT EXISTS

FOR (n: `League`)

REQUIRE (n.`leagueID`) IS UNIQUE;

LOAD CSV WITH HEADERS FROM 'file:///leagues.csv' AS nodeRecord

MERGE (n: `League` { `leagueID`: toInteger(trim(nodeRecord.`leagueID`)) })

SET n.`name` = nodeRecord.`name`

SET n.`understatNotation` = nodeRecord.`understatNotation`;

LOAD CSV WITH HEADERS FROM 'file:///appearances.csv' AS relRecord

MATCH (source: `Player` { `playerID`: toInteger(trim(relRecord.`playerID`)) })

MATCH (target: `Game` { `gameID`: toInteger(trim(relRecord.`gameID`)) })

MERGE (source)-[r: `Appeared\_in`]->(target)

SET r.`goals` = toInteger(trim(relRecord.`goals`))

SET r.`ownGoals` = toLower(trim(relRecord.`ownGoals`)) IN ['1','true','yes']

SET r.`shots` = toInteger(trim(relRecord.`shots`))

SET r.`position` = relRecord.`position`

SET r.`yellowCard` = toLower(trim(relRecord.`yellowCard`)) IN ['1','true','yes']

SET r.`redCard` = toLower(trim(relRecord.`redCard`)) IN ['1','true','yes']

LOAD CSV WITH HEADERS FROM 'file:///teamstats.csv' AS relRecord

MATCH (source: `Team` { `teamID`: toInteger(trim(relRecord.`teamID`)) })

MATCH (target: `Game` { `gameID`: toInteger(trim(relRecord.`gameID`)) })

MERGE (source)-[r: `Game\_Statistics`]->(target)

SET r.`season` = toInteger(trim(relRecord.`season`))

SET r.`date` = relRecord.`date`

SET r.`location` = relRecord.`location`

SET r.`goals` = toInteger(trim(relRecord.`goals`))

SET r.`shots` = toInteger(trim(relRecord.`shots`))

SET r.`yellowCards` = toInteger(trim(relRecord.`yellowCards`))

SET r.`redCards` = toInteger(trim(relRecord.`redCards`))

SET r.`result` = relRecord.`result`;

LOAD CSV WITH HEADERS FROM 'file:///shots.csv' AS relRecord

MATCH (source: `Game` { `gameID`: toInteger(trim(relRecord.`gameID`)) })

MATCH (target: `Player` { `playerID`: toInteger(trim(relRecord.`shooterID`)) })

MERGE (source)-[r: `Shot\_by`]->(target)

SET r.`minute` = toInteger(trim(relRecord.`minute`))

SET r.`situation` = relRecord.`situation`

SET r.`shotType` = relRecord.`shotType`

SET r.`shotResult` = relRecord.`shotResult`

SET r.`xGoal` = toFloat(trim(relRecord.`xGoal`))

SET r.`positionX` = toFloat(trim(relRecord.`positionX`))

SET r.`positionY` = toFloat(trim(relRecord.`positionY`));

LOAD CSV WITH HEADERS FROM 'file:///games.csv' AS relRecord

MATCH (source: `Game` { `gameID`: toInteger(trim(relRecord.`gameID`)) })

MATCH (target: `League` { `leagueID`: toInteger(trim(relRecord.`leagueID`)) })

MERGE (source)-[r: `From\_league`]->(target)

SET r.`season` = toInteger(trim(relRecord.`season`))

SET r.`date` = relRecord.`date`

SET r.`homeGoals` = toInteger(trim(relRecord.`homeGoals`))

SET r.`awayGoals` = toInteger(trim(relRecord.`awayGoals`));