Diagram Documentation

plays

Field	Description	Type	Default	Other
gameId		int		FK
playId		int		FK
play_uuid		varchar(32)		PK, FK
ballCarrierId		int		FK
ballCarrierDisplayName		varchar(32)		
playDescription		varchar(32)		
quarter		int		
down		int		
yardsToGo		int		
possessionTeam		varchar(32)		
defensiveTeam		varchar(32)		
yardlineSide		varchar(32)		
yardlineNumber		int		
gameClock		time		
preSnapHomeScore		int		
preSnapVisitorScore		int		
passResult		varchar(32)		
passLength		float(8)		
penaltyYards		float(8)		
prePenaltyPlayResult		int		
playResult		int		
playNullifiedByPenalty		varchar(32)		
absoluteYardlineNumber		int		
offenseFormation		varchar(32)		
defendersInTheBox		int		
passProbability		float(8)		
preSnapHomeTeamWinProbability		float(8)		
preSnapVistorTeamWinProbab		float(8)		
homeTeamWinProbabilityAdded		float(8)		
visitorTeamWinProbabilityAdde		float(8)		
expectedPoints		float(8)		
expectedPointsAdded		float(8)		
foulName!		varchar(32)		

Field	Description	Type	Default	Other
foulName2		varchar(32)		
foulNFLId1		float(8)		
foulNFLId		float(8)		

games

Field	Description	Type	Default	Other
gameId		int		PK
season		int		
week		int		
gameDate		date		
gameTimeEastern		time		
homeTeamAbbr		nvarchar(5)		
visitorTeamAbbr		nvarchar(5)		
homeFinalScore		int		
visitorFinalScore		int		

players

Field	Description	Type	Default	Other
nflId		int		PK
height		varchar(32)		
weight		int		
birthDate		varchar(32)		
collegeName		varchar(32)		
position		varchar(32)		
displyName		varchar(32)		

tracking

Field	Description	Type	Default	Other
gameId		int		FK
playId		int		FK
play_uuid		varchar(32)		PK
nflId		float(8)		FK
displayName		varchar(32)		
frameId		int		
time		time		
jerseyNumber		float(8)		
club		varchar(32)		

Field	Description	Type	Default	Other
playDirection		varchar(32)		
x		float(8)		
y		float(8)		
s		float(8)		
a		float(8)		
ds		float(8)		
o		float(8)		
dir		float(8)		
event		varchar(32)		