

UNF

Sport

SportName	TeamSize	SportDescription	International
-----------	----------	------------------	---------------

League

LeagueName	LeagueCode	International	LeaguePresident	LeaguePosition	ContactAddress
------------	------------	---------------	-----------------	----------------	----------------

Team

TeamSport	UniqueCode	HomeCity	TeamPresident	TeamHeadCoach
-----------	------------	----------	---------------	---------------

Player

PlayerUniqueNumber	PlayerName	PlayerHeight	PlayerD.O.B	PlayerBio	PlayerPosition	GroundTimeSpend
--------------------	------------	--------------	-------------	-----------	----------------	-----------------

Game

GameDate	GameStartTime	GameWinner	GameOutcome
----------	---------------	------------	-------------

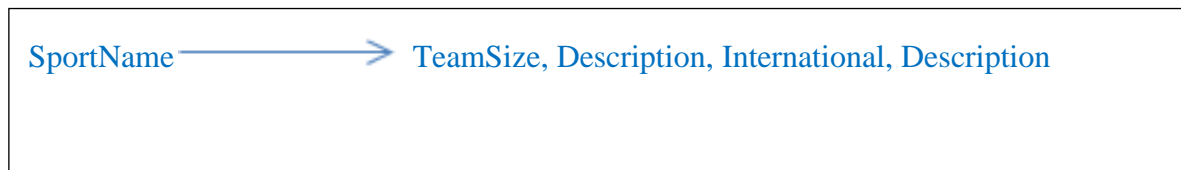
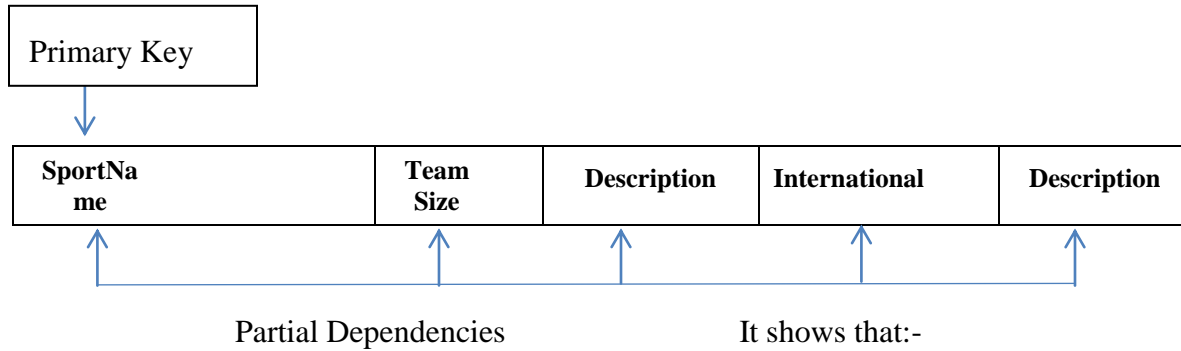
Venue

VenueName	FullAddress	SeatingCapacity	VenueCity	CityName	CityElevation	Avg.Temperature	Avg.Height	Country
-----------	-------------	-----------------	-----------	----------	---------------	-----------------	------------	---------

1NF

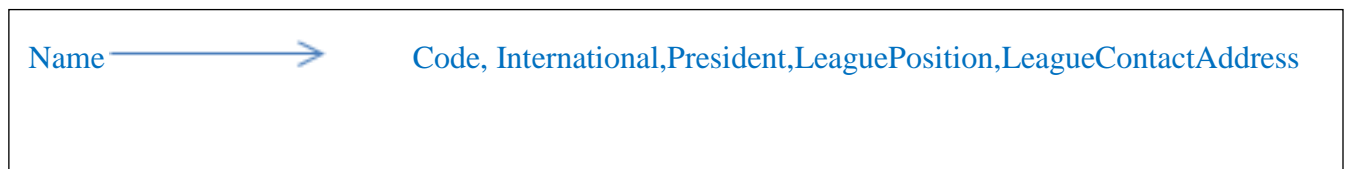
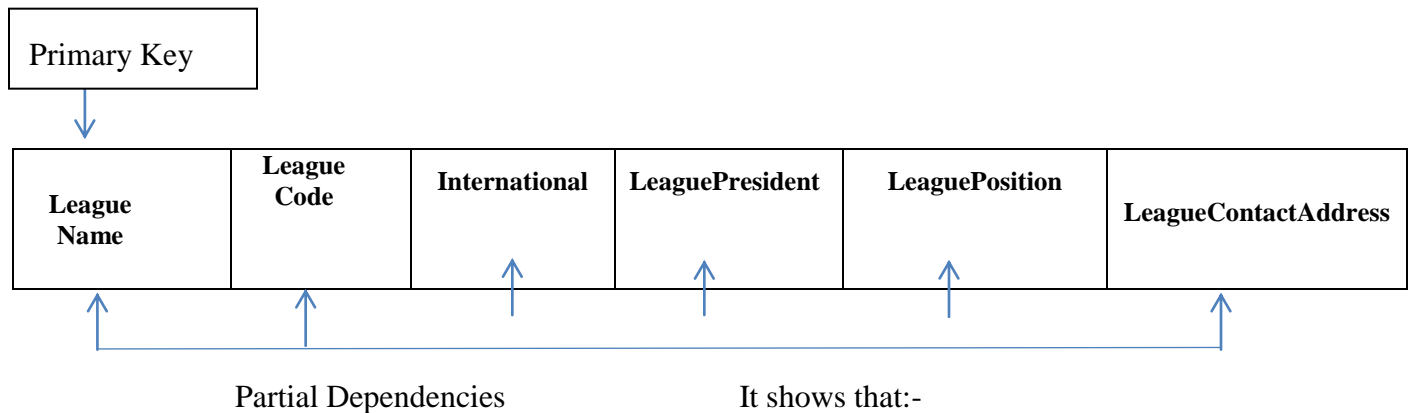
Now if we take SportName and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



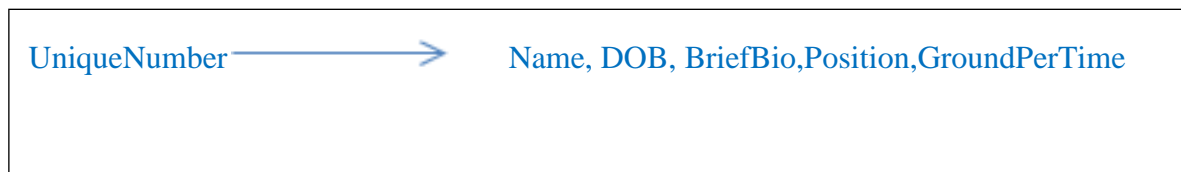
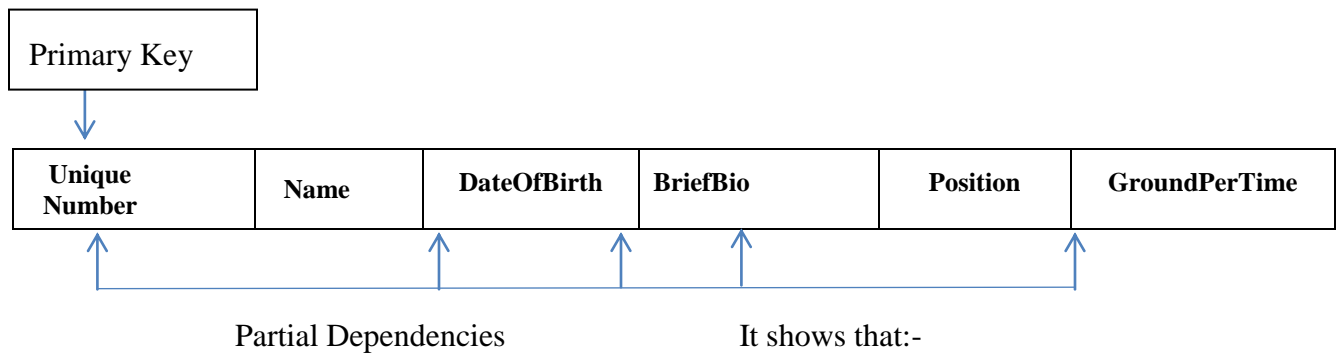
We take LeagueName and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



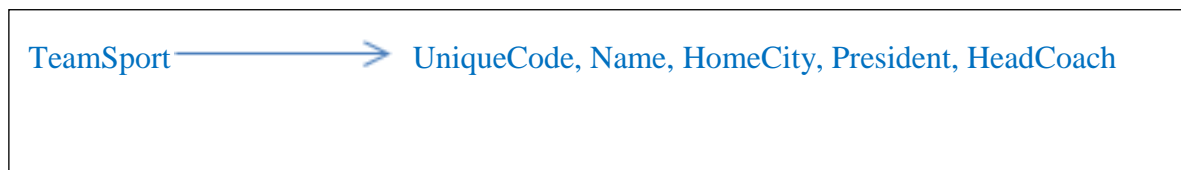
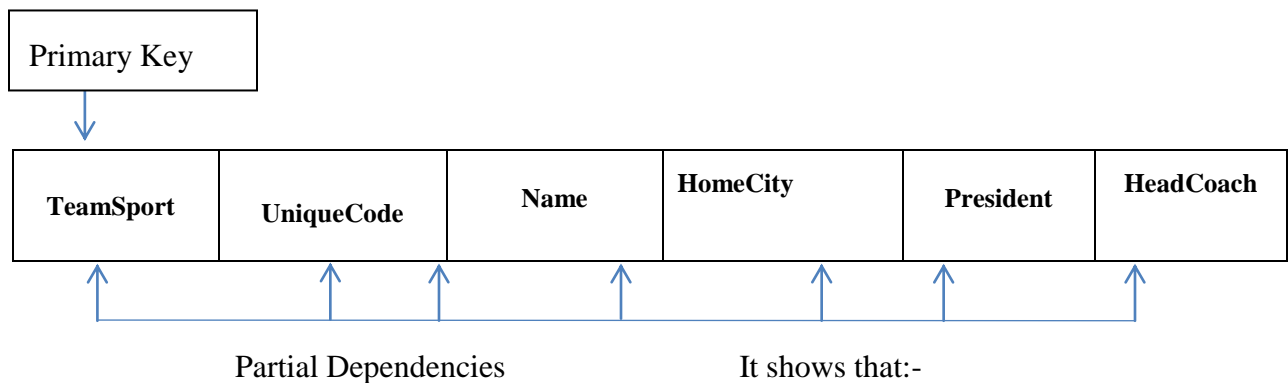
We take UniqueNumber and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



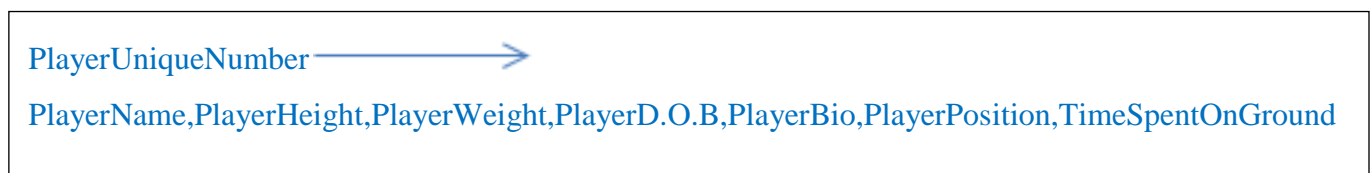
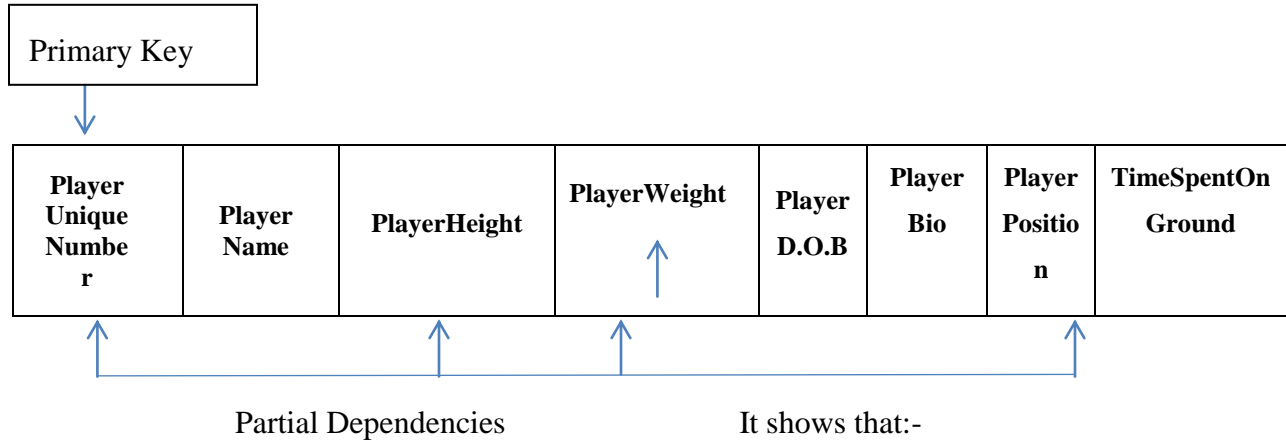
Now if we take TeamSport and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



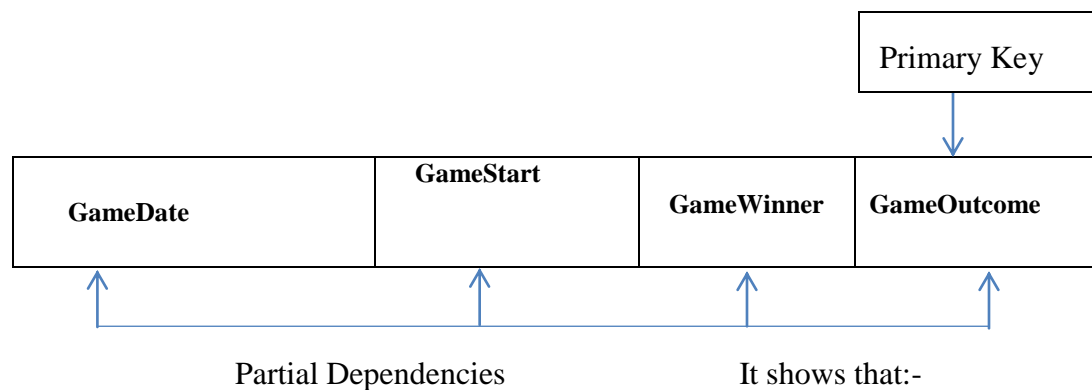
Now if we take PlayerUniqueNumber and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



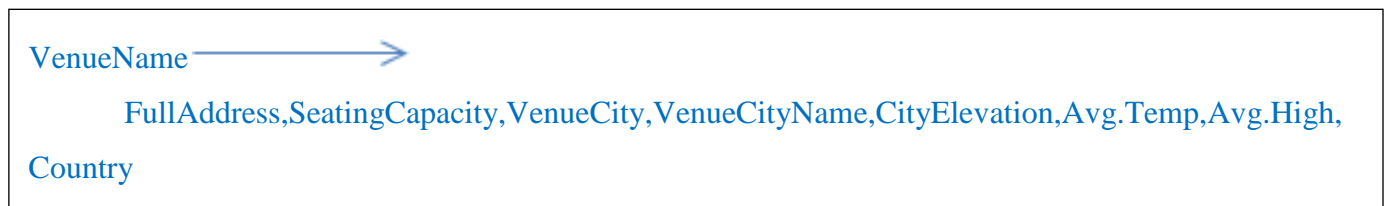
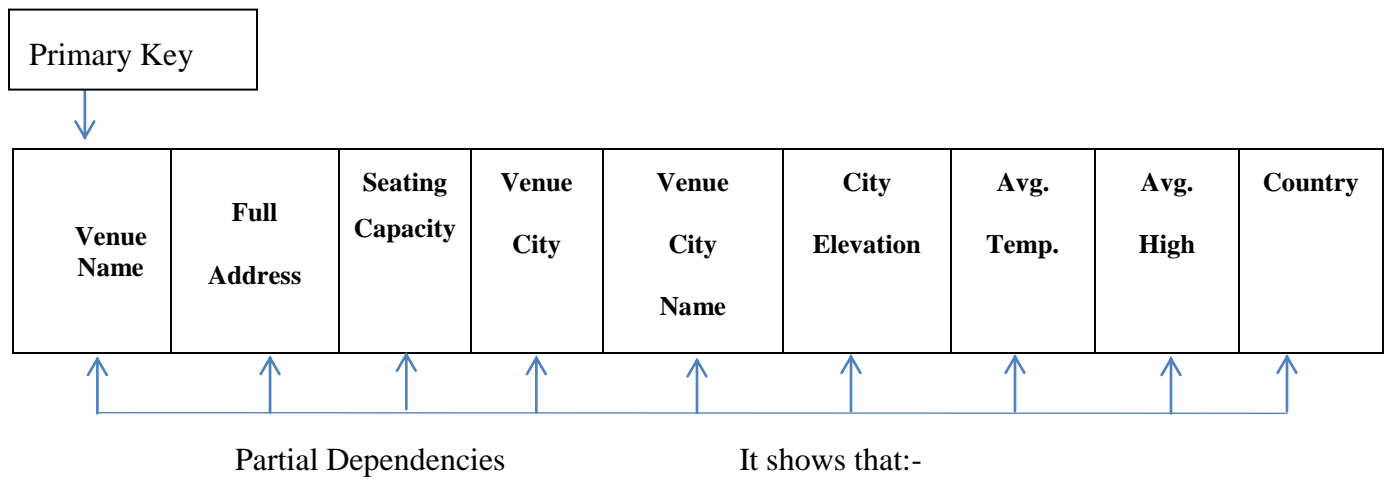
Now if we take GameDate and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



Now if we take VenueName and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



2NF

Sport

SportName	TeamSize	SportDescription	International
(VARCHAR)	(INT)	(VARCHAR)	(BOOLEAN)

League

LeagueName	LeagueCode	International	LeaguePresident	LeaguePosition	ContactAddress
(VARCHAR)	(INT)	(BOOLEAN)	(VARCHAR)	(INT)	(VARCHAR)

Team

TeamSport	UniqueCode	HomeCity	TeamPresident	TeamHeadCoach
(VARCHAR)	(INT)	(VARCHAR)	(VARCHAR)	(VARCHAR)

Player

PlayerUniqueNumber	PlayerName	PlayerHeight	PlayerD.O.B	PlayerBio	PlayerPosition	GroundTimeSpent
(INT)	(VARCHAR)	(INT)	(DATE)	(VARCHAR)	(INT)	(INT)

Game

GameDate	GameStartTime	GameWinner	GameOutcome
(DATE)	(DATETIME)	(VARCHAR)	(VARCHAR)

Venue

VenueName	FullAddress	SeatingCapacity	VenueCity	CityName	CityElevation	Avg.Temperature	Avg.Height	Country
(VARCHAR)	(VARCHAR)	(INT)	(VARCHAR)	(VARCHAR)	(INT)	(INT)	(INT)	(VARCHAR)

3NF

Sport

SportName	TeamSize	SportDescription	International
(VARCHAR)	(INT)	(VARCHAR)	(BOOLEAN)
PK			FK

League

LeagueName	LeagueCode	International	LeaguePresident	LeaguePosition	ContactAddress
(VARCHAR)	(INT)	(BOOLEAN)	(VARCHAR)	(INT)	(VARCHAR)
PK		FK			

Team

TeamSport	UniqueCode	HomeCity	TeamPresident	TeamHeadCoach
(VARCHAR)	(INT)	(VARCHAR)	(VARCHAR)	(VARCHAR)
PK				

Player

PlayerUnique Number	PlayerName	PlayerHeight	PlayerD.O.B	PlayerBio	PlayerPosition	GroundTime Spent
(INT)	(VARCHAR)	(INT)	(DATE)	(VARCHAR)	(INT)	(INT)

PK						
----	--	--	--	--	--	--

Game

GameDate	GameStartTime	GameWinner	GameOutcome
(DATE)	(DATETIME)	(VARCHAR)	(VARCHAR)
			PK

Venue

VenueName	FullAddress	SeatingCapacity	VenueCity	CityName	CityElevation	Avg.Temperature	Avg.Height	Country
(VARCHAR)	(VARCHAR)	(INT)	(VARCHAR)	(VARCHAR)	(INT)	(INT)	(INT)	(VARCHAR)
PK								