# <u>UNF</u>

# Sport

SportName	TeamSize	SportDescription	International

### League

LeagueName LeagueCode International LeaguePresident League	ePosition ContactAddress
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#### Team

TeamSport	UniqueCode	HomeCity	TeamPresident	TeamHeadCoach
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# Player

PlayerUniqueNumber   PlayerName   PlayerHeight   PlayerD.O.B   PlayerBio   PlayerPosition   GroundTimeSp
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### Game

GameDate	GameStartTime	GameWinner	GameOutcome

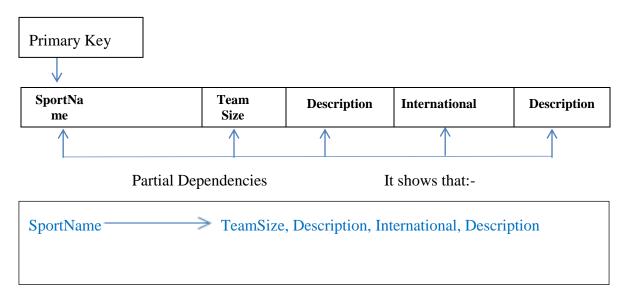
### Venue

VenueNa	FullAddr	SeatingCapa	VenueCi	CityNa	CityElevati	Avg.Te	Avg.Hi	Count
me	ess	city	ty	me	on	mp	gh	ry

#### <u>1NF</u>

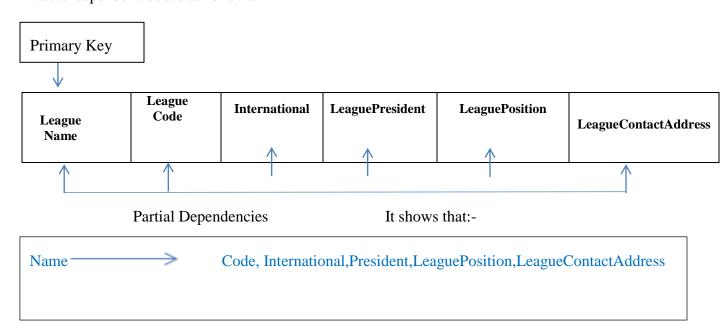
Now if we take SportName and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



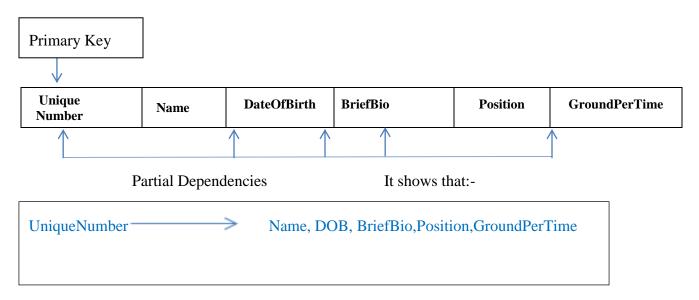
We take LeagueName and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



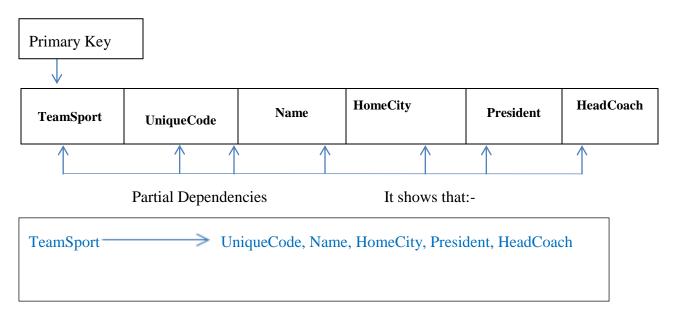
We take UniqueNumber and as the Primary key as identified by the partial dependencies.

Partial dependencies are as follows:-



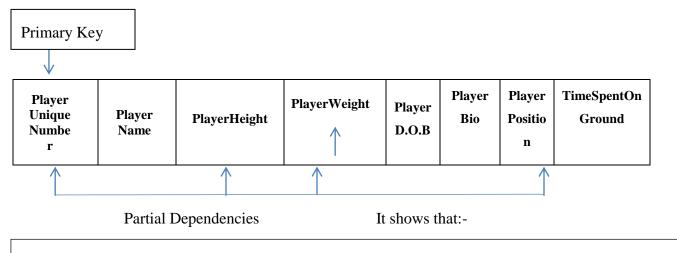
Now if we take TeamSport and as the Primary key as identified by the partial dependencies.

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:-

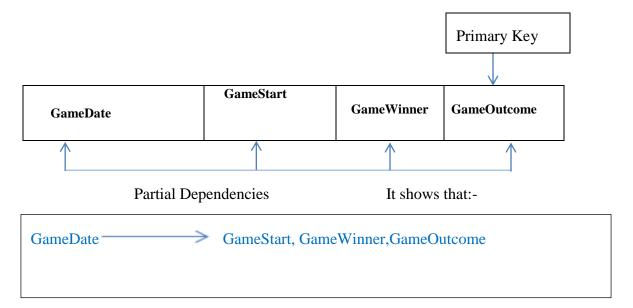


PlayerUniqueNumber >

Player Name, Player Height, Player Weight, Player D.O.B, Player Bio, Player Position, Time Spent On Ground Player Position, Player Position,

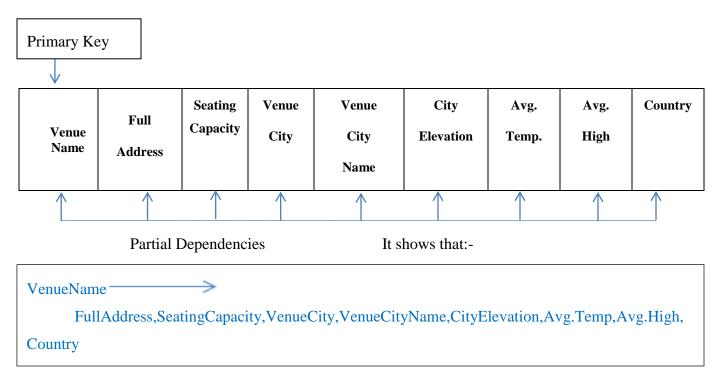
Now if we take GameDate and as the Primary key as identified by the partial dependencies.

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:-



#### <u>2NF</u>

#### 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	GroundTimeSper
(INT)	(VARCHAR)	(INT)	(DATE)	(VARCHAR)	(INT)	(INT)

### Game

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

### Venue

VenueNa	FullAddr	SeatingCap	VenueCit	CityNam	CityEleva	Avg.Te	Avg.H	Country
me	ess	acity	у	e	tion	mp	igh	
WALLE CALL	(TILD GIV	(D. 177)	(TILD CIT	(TILD CIT	(T) (T)	(D. 177)	(T) (T)	(XXX D GXX
(VARCH	(VARCH	(INT)	(VARCH	(VARCH	(INT)	(INT)	(INT)	(VARCH
AR)	AR)		AR)	AR)				AR)
,	·		·	·				•

# <u>3NF</u>

# 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	PlayerPositio n	GroundTime Spent
(INT)	(VARCHA R)	(INT)	(DATE)	(VARCHAR)	(INT)	(INT)

PK			

### Game

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

### Venue

VenueNa me	FullAddr ess	SeatingCap acity	VenueCit y	CityNam e	CityEleva tion	Avg.Te	Avg.H igh	Country
(VARCH AR)	(VARCH AR)	(INT)	(VARCH AR)	(VARCH AR)	(INT)	(INT)	(INT)	(VARCH AR)
PK								