

# Armazéns de Dados

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# Kimball Methodology

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- Business Area
  - Sport events generated by the players
- Granularity level
  - Sport event that happens at each time instant, by player, by journey, by season
- Dimensions
  - Event, Time, Player, Club, Journey and Season
- Facts/Measures
  - None

# Player Dimension

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| DimPlayer              |
|------------------------|
| <u>PlayerKey</u>       |
| InscriptionNr          |
| Name                   |
| NickName               |
| Position               |
| Address                |
| PostalCode             |
| City                   |
| LastContractDate       |
| ContractDuration       |
| TerminationClauseValue |
| ClubKey                |
| EffectiveDate          |
| ExpiredDate            |
| IsCurrent              |

# Club Dimension

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| DimClub        |
|----------------|
| <u>ClubKey</u> |
| RegistrationNr |
| Name           |
| Address        |
| PostalCode     |
| City           |
| FoundationDate |
| EffectiveDate  |
| ExpiredDate    |
| IsCurrent      |

# ***Journey Dimension***

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| <b>DimJourney</b>        |
|--------------------------|
| <u><b>JourneyKey</b></u> |
| Description              |
| NrMatchesFriday          |
| NrMatchesSaturday        |
| NrMatchesSunday          |
| NrMatchesMonday          |

# Season Dimension

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| DimSeason        |
|------------------|
| <u>SeasonKey</u> |
| SeasonID         |
| Description      |
| NrOfJourneys     |
| SeasonStartDate  |
| SeasonEndDate    |

# ***Event* Dimension**

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| <b>DimEvent</b>  |
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| <u><b>EventKey</b></u><br>EventID<br>Description<br>isInfraction |

# ***Time Dimension***

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| <b>DimTime</b>        |
|-----------------------|
| <u><b>TimeKey</b></u> |
| FullTime              |
| Minute                |
| Second                |
| HourQuarter           |
| Part                  |
| isExtraTime           |



# Events Fact Table

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| FactEvents        |
|-------------------|
| <u>TimeKey</u>    |
| <u>EventKey</u>   |
| <u>PlayerKey</u>  |
| <u>JourneyKey</u> |
| SeasonKey         |
| ClubKey           |

# Dimensional Model

