## **Data Dictionary**

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| person |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | id | integer | An ID unique to each person |
|  | first\_name | varchar | The persons first name |
|  | last\_name | varchar | The persons last name |
|  | dob | date | The persons date of birth |
| FK | address\_id | integer | An ID which refers to the persons address information |
| FK | contact\_id | integer | An ID which refers to the persons contact information |
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| person\_role |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | person\_id | integer | An ID that references a person |
| PK, FK2 | role\_id | integer | An ID that references a role |
|  | start\_date | date | The date which the person started the role |
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| role\_category |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | role\_id | integer | An ID unique to each role |
|  | role\_category | varchar | The name of the category |
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| address |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | id | integer | An ID unique to each address |
|  | address1 | varchar | First line of the address |
|  | address2 | varchar | Second line of the address |
|  | city | varchar | City which the address is located in |
|  | postcode | integer | The post code of the area |
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| contact |  | | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** | **Attributes** |
| PK | contact\_id | integer | An ID unique to each set of contact information |  |
| UN | email | varchar | A persons contact email | Unique |
| UN | mobile | varchar | A persons contact mobile | Unique |
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| player |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | player\_id | integer | An ID unique to each player |
| PK, FK | person\_id | integer | An ID which refers to a person |
|  | injured | integer(1) | boolean; Refers to if the player is injured |
|  | available | integer(1) | boolean; Refers to if the player is available to play |
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| Referee |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | referee\_id | integer | An ID unique to each match official |
| PK, FK | person\_id | integer | An ID which references a person |
|  | total\_games | integer | The total ammount of games the official has been part of |
|  | injured | integer(1) | boolean; Refers to if the referee is injured |
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| team |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | team\_id | integer | An ID unique to each team |
|  | team\_name | varchar | The name of the team |
|  | founded | date | When the team was founded |
| FK | address\_id | integer | An ID which refers to the teams address |
| FK | contact\_id | integer | An ID which refers to the teams contact information |
| FK | grade\_id | integer | An ID which refers to the teams grade |
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| team\_entry |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | entry\_id | integer | An ID unique to each entry |
| PK, FK1 | team\_id | integer | An ID which refers to the team entering |
| PK, FK2 | competition\_id | integer | An ID which refers to the compeition the team is entering |
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| player\_team |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | position\_id | integer | An ID which references a position |
| PK, FK2 | player\_id | integer | An ID which references a player |
| PK, FK3 | team\_player | integer | An ID which references which team the player plays for |
|  | join\_date | date | The date the player joined the team |
|  | leaving\_date | date | The date the player leaves the team |

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| referee\_selection |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | match\_id | integer | An ID which refers to a match |
| PK, FK2 | referee\_id | integer | An ID which refers to a referee |
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| position |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | position\_id | integer | An ID unique to each position |
|  | jersey\_number | varchar(2) | The number on the players jersey |
|  | position | varchar | The name of the position |
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| grade |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | grade\_id | integer | An ID unique to each grade |
|  | title | varchar | The name/title of the grade |
|  | min\_dob | date | The minimum year of birth of a player |
|  | max\_dob | date | The maximum year of birth of a player |
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| competition |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | competition\_id | integer | An ID unique to each competition |
| PK,FK1 | grade\_id | Integer |  |
|  | title | varchar | The name/title of the competition |
|  | prize | varchar | The prize(s) for the competition winner(s) |
|  | season | year |  |
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| squad |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | squad\_team\_entry\_id | integer | An ID which refers to a teams squad entry |
| PK, FK2 | squad\_match\_id | integer | An ID which refers to the match a squad will be playing |
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| point |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | player\_id | integer | An ID which refers to a player |
| PK, FK2 | match\_id | integer | An ID which refers to a match |
|  | point | integer | A point scored by a player |
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| match |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | match\_id | integer | An ID unique to each match |
| PK, FK1 | event\_id | integer | An ID which refers to an event |
| PK, FK2 | comp\_id | integer | An ID which refers to a competition |
|  | score | integer | The final score of the match |
|  | kickoff\_time | datetime | start time of the match |

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| field |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | field\_id | integer | An ID unique to each field |
| PK, FK1 | factility\_id | integer | An ID which refers to the facility the field is located at |
|  | turf\_type | enum | What material the ground is made of |
|  | suitable\_for | enum | Which sports the field is suitable for |
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| event\_booking |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | booking\_id | integer | An ID unique to each booking |
| PK, FK1 | facility\_id | integer | An ID which references the facility |
| PK, FK2 | field\_id | integer | An ID which references the field |
|  | date\_booked | datetime | The date of the event booking |
|  | booking\_fee | double | The fee for the booking |
|  | payment\_due | date | When the payment is due for the booking |
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| facility |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | id | integer | An ID unique to each facility |
|  | name | varchar | The name of the facility |
| FK | address\_id | integer | An ID which refers the facilities address |
| FK | contact\_id | integer | An ID which refers the facilities contact information |
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| incident\_report |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK, FK1 | squad\_id | integer | An ID which refers to the players squad |
| PK, FK2 | player\_id | integer | An ID which refers to the player |
| PK, FK3 | injury\_code | integer | An ID which refers to the acc injury code |
|  | incident\_date | date | The date of the incident |
|  | incident\_time | datetime | The time of the incident |
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| injury\_code |  | | |
| **Field Key** | **Field Name** | **Data Type** | **Description** |
| PK | code\_id | integer | An ID unique to each injury code |
|  | title | varchar | The name/title of the injury |
|  | description | longtext | A description of the injury |
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