**ER Models**

|  |
| --- |
| **athletes** |
| athlete\_id  email  full\_name  birthday  is\_male |

|  |
| --- |
| **competitions** |
| competition\_id  competition\_name  competition\_address  start\_time  end\_time  days\_long  number\_of\_events  max\_males  max\_females |

|  |
| --- |
| **contacts** |
| contact\_id  contact\_name  contact\_email  contact\_phone\_number |

|  |
| --- |
| **registrations** |
| athlete\_id  comeptition\_id |

|  |
| --- |
| **partners** |
| partner\_id  company\_name  company\_address |

|  |
| --- |
| **events** |
| event\_id  competition\_id  event\_name  scoring  time\_capped  tie\_breaker |

|  |
| --- |
| **hosts** |
| partner\_id  comeptition\_id  contact\_id |

|  |
| --- |
| **scores** |
| score\_id  athlete\_id  event\_id  score  weight\_in\_kg |

**Relational Models**

|  |  |  |
| --- | --- | --- |
| **athletes** | | |
| PK | athlete\_id  email  full\_name  birthday  is\_male | int  varchar(128)  varchar(128)  date  boolean |

|  |  |  |
| --- | --- | --- |
| **competitions** | | |
| PK | competition\_id  competition\_name  competition\_address  start\_time  end\_time  days\_long  number\_of\_events  max\_males  max\_females | int  varchar(128)  varchar(128)  date  date  int  int  int  int |

|  |  |  |
| --- | --- | --- |
| **contacts** | | |
| PK | contact\_id  contact\_name  contact\_email  contact\_phone\_number | int  varchar(128)  varchar(128)  varchar(128) |

|  |  |  |
| --- | --- | --- |
| **partners** | | |
| PK | partner\_id  company\_name  company address | int  varchar(128)  varchar(128) |

|  |  |  |
| --- | --- | --- |
| **events** | | |
| PK  FK | event\_id  competition\_id  event\_name  scoring  time\_capped  tie\_breaker | int  int  varchar(128)  varchar(128)  varchar(128)  varchar(128) |

|  |  |  |
| --- | --- | --- |
| **scores** | | |
| PK  FK  FK | score\_id  athlete\_id  event\_id  reps  duration\_in\_seconds  weight\_in\_kg | int  int  int  int  int  int |