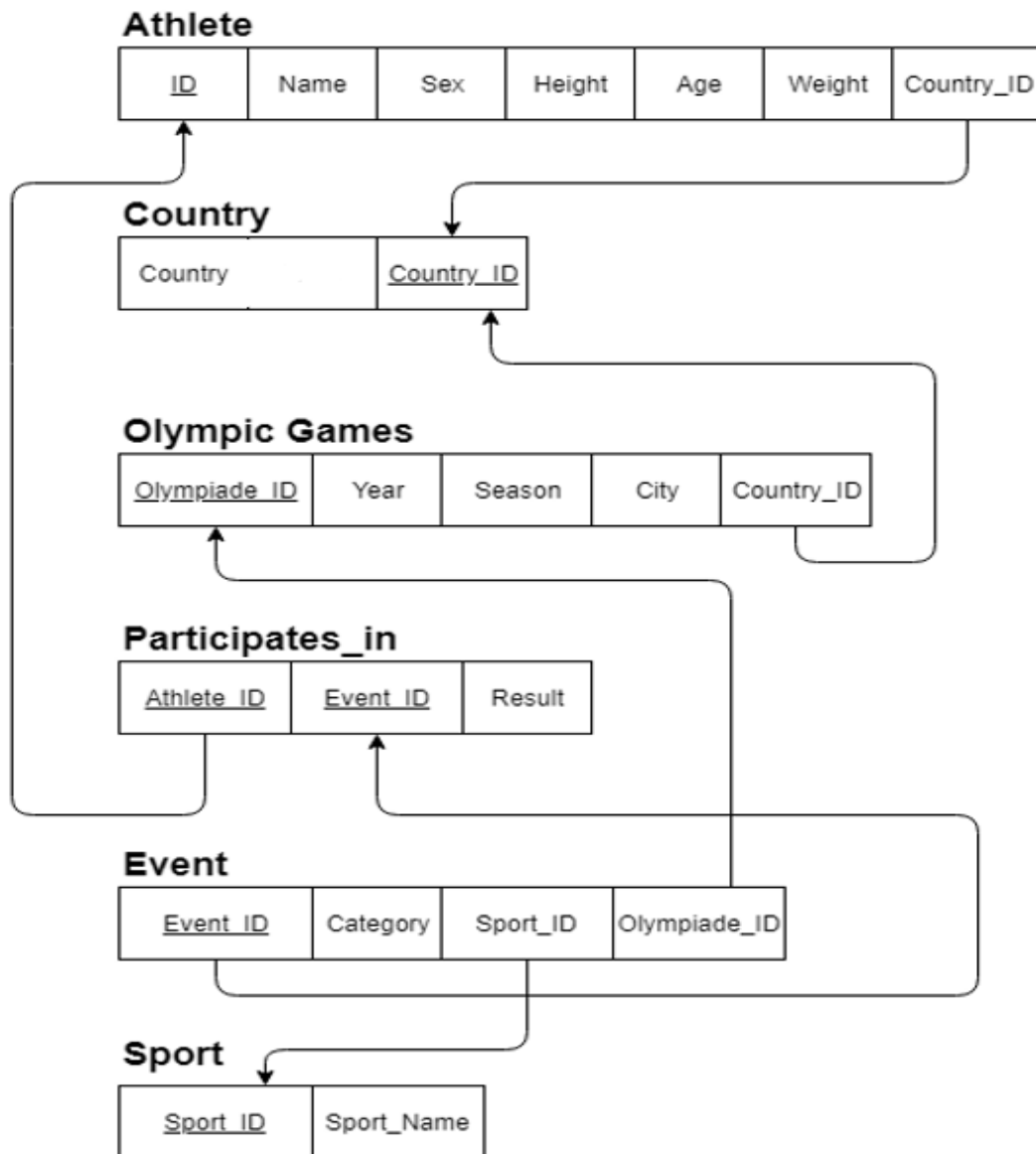


## Relational Model for Olympic History: athletes and results<sup>1</sup>



Figuur 2 Relational Model

### Comments

First the regular entities types are mapped, here the relations Athlete, Country, Olympic Games, Event, and Sport are created. We then continue with the mapping of the binary 1:N relationship types. In the relational model we have four 1:N relationships (Represents, Hosts, Holds and Belongs\_to), which we solve with a foreign key Country\_ID in Athlete, Country\_ID in Olympic Games, Olympiad\_ID in Events, and lastly Sport\_ID in Event.

Next the M:N binary relationship is mapped which is represented here with the new relation Participates\_in.

<sup>1</sup> 120 years of Olympic history: athletes and results. Basic bio data on athletes and medal results from Athens 1896 to Rio 2016 by rgriffin. [online] Available at: <https://www.kaggle.com/heesoo37/120-years-of-olympic-history-athletes-and-results>