OLYMPICS 1896-2016

Amadei Giuliano Borelli Tommaso Di Cioccio Maria Vittoria Paolantoni Riccardo



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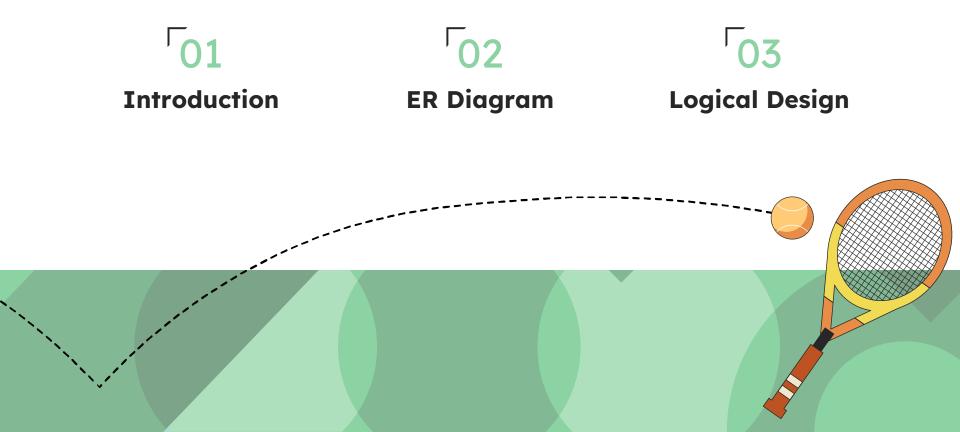
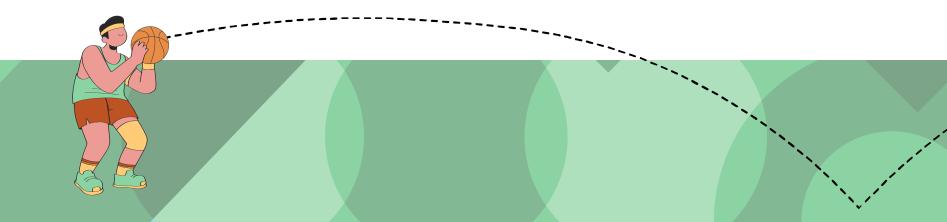


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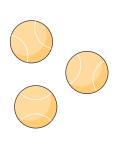
Starting Attributes



Number of entities

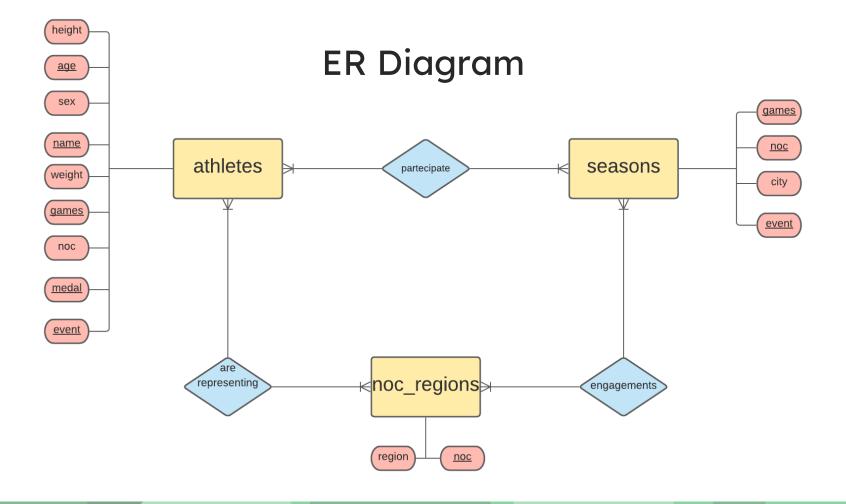
3

Tables









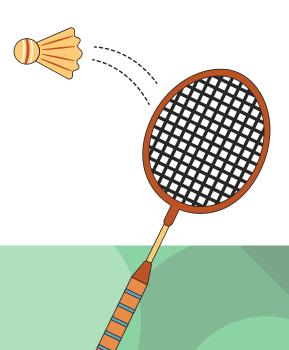
The chosen data:

3 Tables:

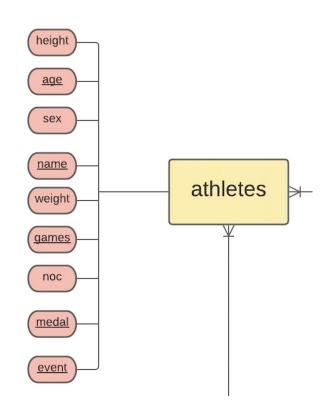
• **Athletes**: Name, NOC, Sex, Age, Height, Weight, Games, Event, Medal

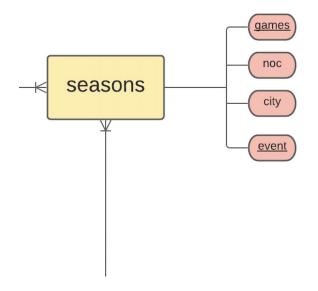
• **Seasons**: Games, NOC, City, Event

• **Noc_region**: NOC, region

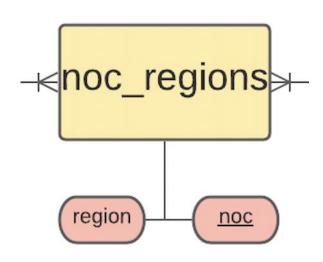


athletes: <u>name</u>, noc, sex, <u>age</u>, height, weight, <u>games</u>, <u>event</u>, <u>medal</u>





seasons: games, noc, city, event



noc_region: noc, region

Logical Design

Athletes (<u>Name</u>, NOC, Sex, <u>Age</u>, Height, Weight, <u>Games</u>, <u>Event</u>, <u>Medal</u>)

- Foreign Key (Event) references Seasons (Event)
- Foreign Key (Games) references Seasons (Games)
- Foreign Key (NOC) references noc_regions (NOC)
- -Super key (Name, Age, Games, Event, Medal)

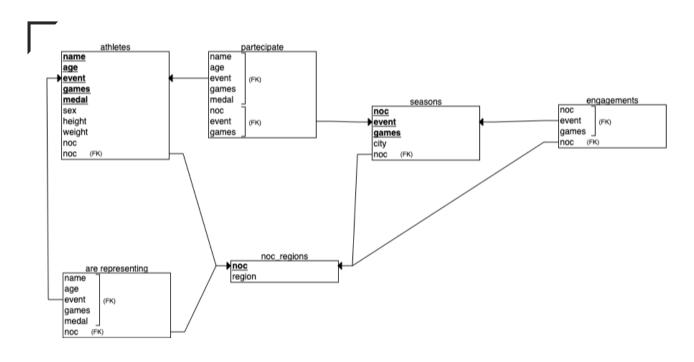
Seasons (Games, NOC, City, event)

- Foreign Key (NOC) references noc_regions (noc)

Noc_regions (NOC, region)



Relationship schema



Queries

- Which nations have won the most gold medals?
- What is the average height and weight of all participants from each nation?
- Which countries have had the most participants?
- Which nations have participated in the most olympics?

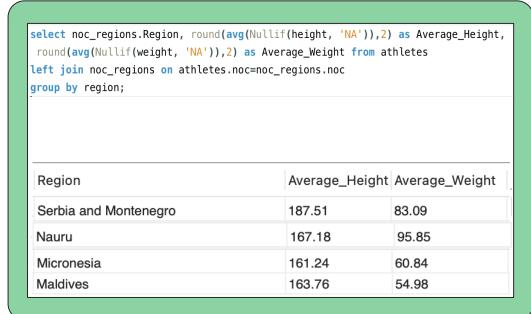
- Who has represented their co untry in the most events?
- Who has won a medal in our lifetimes?

- Which cities have been the most frequent hosts
- What is the average height and weight of each sport?

Which nations have won the most gold medals?



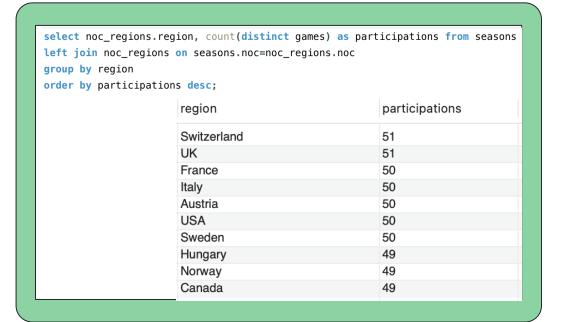
What is the average height and weight of all participants from each nation?



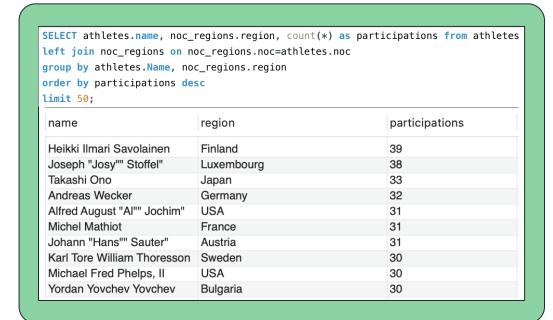
Which countries have had the most participants?



Which nations have participated in the most olympics?

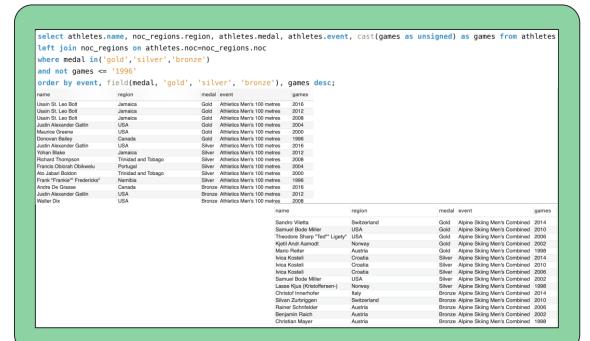


Who has represented their country in the most events?



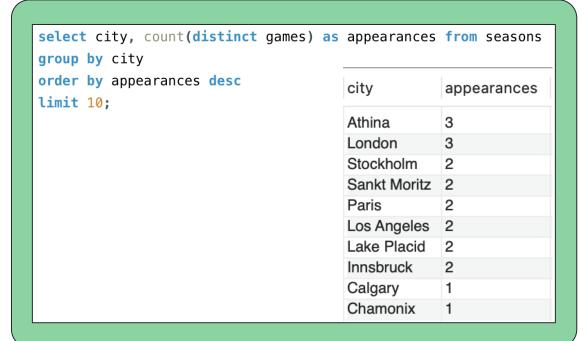


Who has won a medal in our lifetimes?





Which cities have been the most frequent hosts?

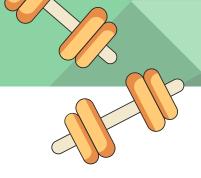




What is the average height and weight per sport?

sex, event; Basketball Men's Basketball	M	195.01	91.76	
Volleyball Men's Volleyball	М	193.29	86.92	
Weightlifting Men's Flyweight	М	155.37	53.28	
Wrestling Men's Light-Flyweight, Freestyle	М	156.35	49.91	
event	sex	avg_height	avg_weight	
Basketball Women's Basketball	F	182.45	73.69	
Rowing Women's Quadruple Sculls	F	179.9	74.04	
Weightlifting Women's Flyweight	F	150.53	48.19	
Weightlifting Women's Featherweight	F	155.6	53	
event	sex	avg_height	avg_weight	
Weightlifting Women's Super-Heavyweight	F	170.29	108.48	
Judo Women's Heavyweight	F	175.76	105.97	
Figure Skating Mixed Pairs	F	156.71	46.96	
Gymnastics Women's Team All-Around	F	155.72	47.32	
event	sex	avg_heigh	t avg_weight	
Weightlifting Men's Super-Heavyweight	М	184.48	135.6	
Wrestling Men's Super-Heavyweight, Greco-Ro	М	188.91	122.16	





Thank You

If you have any doubts let us know

