Group Project 1: Part 2

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Sports: Sports are popular around the world. Most sports focus on teamwork so sports is also a great way to communicate with people. At the same time, sports can also improve personal health because playing sports contributes to muscle development and fat reduction. Professional sports have also contributed a lot to the economy and entrainment. For example, in the last World Cup in Russia, 3.262 billion people watch the World Cup at home, which is close to half of the world's population. And brought about $31 billion economic
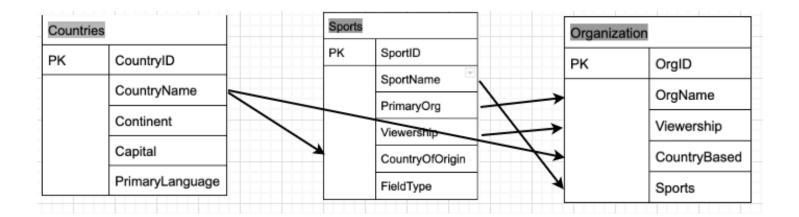impact to Russian.

In the United States, football, baseball and basketball are the most popular sports. These three sports also have a great impact on the US economy. People and the local government are willing to spend money for those sports. The super bowl brought 5.5 million dollars in financial expenses to the Houston government but bring at least a 350 million dollar income to the local economy. There are 32 football teams in the United States, they all belong to the National Football League(NFL) . According to the data, almost 16.5 million people will watch football games since the season start. In 2018, the NFL earned over 8.1 billion from sponsor, selling jersey and tickets. There are 30 baseball teams in the United States, they all belong to the Major League Baseball. The Famous baseball team in the US New York Yankees had 227 thousand viewers last year. In 2018, the MLB earned around 10.3 billion from selling tickets, sponsor and live game. The other big sports is basketball. There are 32 basketball team in the United States. They all belong to the NBA. There are around 1.99 million viewers watch the regular season NBA games. However, there will be around 15.14 million viewers in the United States watch the NBA final. In 2018, the NBA earned around 7.4 billion from live game, sponsor and ticket.

Sport like soccer and badminton are very popular all over the world. Soccer is the most popular sport all over the world. There are 265 million people play this sport. Soccer is a sport with a long history. China, Greece, and Rome all claim to have started the sport. There all 211 teams all over the world. Badminton is one of the most popular sports in Asia. There are 220 million people play this sport all over the world.

Because of the large number of users across the world, sports is a massive business. Watching sports on television or online can potentially genenrate a lot of business for companies such as Hulu or Netflix. Companies would then need to track the subscriber count and how much money they should be spending on advertisements. To do this a data analysis for the popularity of a certain sport in certain countries is needed.

The charts below portray a relationship between the given entities, their attributes, and their relationships. Organization would be the main entity with the following attributes: CountryBased, Veiwership, Sports, OrgName. The tables below also portray the relationships seen between the three entities and their attributes.

Countries	
PK	CountryID
	CountryName
	Continent
	Capital
	PrimaryLanguage

Sports	
PK	SportID
	SportName
	PrimaryOrg
	Viewership
	CountryOfOrigin
	FieldType

Organization	
PK	OrgID
	OrgName
	Viewership
	CountryBased
	Sports