Database Project Assignment 2: Queries in Human

* Write a paragraph explaining what data would be collected by your database. Who owns the database? Who manages it? Who can access the data in your database?
* Write 17 questions the business/organization might ask (in human) and then provide an SQL statement that would provide your answer.
* Write a paragraph explaining the business need for your partner’s database.
* Include 3 questions (in human) along with the 3 SQL queries that could answer those questions.
* Upload a word doc to Moodle and GitHub and summarize your work on Flipgrid.

Example:

What students are applying to attend in the Fall 2021 semester that are majoring in Biology?

Select FirstName, LastName, Email, IDnumber, GPA, Address

From ApplicationPool

Where Major = Biology

And AttncYr = FA21;

My database will be owned by my personal development team as well as owned by the customer, Philadelphia Eagles. Managing the database will be a shared effort between my own team fixing any bugs/issues and then the Eagles’ own personnel staff that handles keeping track of the statistics, and all the attributes contributed to the database. The Eagles’ would be in charge of keeping it updated year after year. Philadelphia Eagles have an IT group under Anthony Cozzi. Cozzi is responsible for overseeing the software innovation department and architecting the team's data warehouse. All of this means that the ones whom can access the database would be my personal development team, Anthony Cozzi and his IT team. Now what will this database include, it will include The year of the Eagles team to which season it was, passing yards, Passing TDs, INT, Times sacked, Rushing yards, Rushing TDs, Passing defense, Rushing defense, INTs, Sacks, Defensive TDs/Scoring. Underneath each Team’s season table will be the players that contributed to those stats. For example, 2020 Eagles will have the team stats and then in another table will have player stats for that team. For passing yards it will show the QB with the passing yards for the team that season, TDs, Int, times sacked. For rushing yards, rushing tds it will have the RB that contributed to that season. For all defensive stats it will have int leaders, tackles, sacks/scoring. All player stats will be in a different table under each season table.

passing yards, Passing TDs, INT, Times sacked, Rushing yards, Rushing TDs, Passing defense, Rushing defense, INTs, Sacks, Defensive TDs/Scoring

1. What did the 2020 Eagles do?

Select SznNum, PassYds, PassTDs, PassINT, TmSack, RushYds, RushTDs, PassDef, RushDef, INT, Sack, DefTDs.

From SeasonPool

Where Eagles2020 = 2020Stats

1. Who was the GM of 2020 eagles?

Select SznNum, Select GmName

From SeasonPool

Where Eagles2020 = 2020GM

1. What did 2017 Eagles do for passing?

Select SznNum, PassYds, PassTDs, PassINT, TmSack

From SeasonPool

Where Eagles2017 = 2017Stats

1. What did 2017 Eagles do for rushing?

Select SznNum , RushYds, RushTDs

From SeasonPool

Where Eagles2017 = 2017Stats

1. Who was the main rusher for the 2020 Eagles?

Select SznNum , MainRush

From PlayerPool

Where Eagles2020 = 2020Stats

1. Who was main passer for the 2020 Eagles?

Select SznNum, MainPasser

From PlayerPool

Where Eagles2020 = 2020Stats

1. What was the main 2019 sack leader?

Select SznNum, MainSack

From PlayerPool

Where Eagles2019 = 2019Stats

1. How many TDs did the 2018 Eagles defense have?

Select SznNum, DefTDs

From SeasonPool

Where Eagles2018 = 2018Stats

1. How many TDs did the 2018 Eagles offense have?

Select SznNum, PassTDs, RushTDs

From SeasonPool

Where Eagles2018 = 2018Stats

1. How many TDs did the 2018 Eagles have in general?

Select SznNum, PassTDs, RushTDs, DefTDs

From SeasonPool

Where Eagles2018 = 2018Stats

1. How many sacks did the 2019 Eagles defense have?

Select SznNum, Sack

From SeasonPool

Where Eagles2019 = 2019Stats

1. What are the most seasons you can look at?

Select SznNum

From SeasonPool

1. How well did the 2020 Rushing defense do?

Select SznNum, RushDef

From SeasonPool

Where Eagles2020 = 2020Stats

1. Who lead the team in rushing for the 2018 Eagles?

Select SznNum , MainRush

From PlayerPool

Where Eagles2018 = 2018Stats

1. Who was the GM of 2019 eagles?

Select SznNum, Select GmName

From SeasonPool

Where Eagles2019 = 2019GM

1. How many TDs did the 2019 Eagles offense have?

Select SznNum, PassTDs, RushTDs

From SeasonPool

Where Eagles2019 = 2019Stats

1. What did the 2018 Eagles do?

Select SznNum, PassYds, PassTDs, PassINT, TmSack, RushYds, RushTDs, PassDef, RushDef, INT, Sack, DefTDs.

From SeasonPool

Where Eagles2018 = 2018Stats

My Partner is doing a marvel entertainment superhero’s and villains data base. I would have to say some needs for his data base would be some more specification on relations to the heros and villains. A lot of times heros and villains have connections with each other, for example spiderman and venom are archnemesis of each other. As well as potential copies of each other. Winter solider in marvel is both a good and bad guy, where would he land in this data base?

Is spiderman a good guy?

Insert CharacterTbl, FirstName, LastName

From HeroPool

Where GoodGuy = Heroes

Is Venom a bad guy?

Insert CharacterTbl, FirstName, LastName

From VillainPool

Where VillainGuy = Villains

How Old is Spiderman?

CharacterTbl, FirstName, LastName, Age

From HeroPool

Where GoodGuy = Heroes