* Data to be collected by the database:
  1. Employee
     + ID/Code
     + First Name
     + Last Name
     + Email
     + On-site Location -> ID/Code
     + Department -> ID/Code
  2. Location
     + ID/Code
     + City
     + State
     + Country
  3. Department
     + ID/Code
     + Name
  4. Merchandise
     + ID/Code
     + Type
     + Name
     + Description
     + Price
     + Quantity
     + Autographed
  5. Ticket
     + ID/Code
     + Name
     + Description
     + Quantity
     + Tier -> ID/Code
     + Tournament -> ID/Code
  6. Ticket Tier
     + ID/Code
     + Name
     + Description
     + Price
  7. Tournament
     + ID/Code
     + Name
     + Capacity
     + Date
     + Location
     + Prize Pool
  8. Dota 2 Player
     + ID/Code
     + First Name
     + Last Name
     + Position -> ID/Code
     + Team -> ID/Code
     + Captain (Boolean)
     + Coach (Boolean)
     + Tournament Earnings
  9. Dota 2 Position
     + ID/Code
     + Name
  10. Dota 2 Team
      + ID/Code
      + Name
      + Tournament Earnings
  11. Dota 2 Hero
      + ID/Code
      + Name
      + Main Attribute
  12. Top Hero
      + ID/Code
      + Hero -> ID/Code
      + Player -> ID/Code
      + Matches Played
      + Matches Won
      + Win Rate
  13. Dota 2 Match
      + ID/Code
      + Series -> ID/Code
      + Date
      + Elapsed Time
      + Winner -> ID/Code
      + Total Kills
  14. Dota 2 Series
      + ID/Code
      + Best-of (Integer)
      + Winner -> ID/Code
  15. Competing Team
      + ID/Code
      + Team -> ID/Code
      + Series -> ID/Code
* Who owns the database:
  1. TangoTwo
  2. Database is shared across both locations
* Who manages it:
  1. General database management/maintenance is outsourced.
  2. The Statistics department will manage updating the Dota 2 side of the database.
* Who can access the data in the database:
  1. The third-party company managing the database
  2. The Statistics department
* SQL - 17 Q/A from TangoTwo
  1. Who are all of our employees?
     + SELECT **\***  
       FROM **EMPLOYEE**
  2. What employees are a part of our Statistics department from our Stockholm, Sweden location?
     + SELECT **\***  
       FROM **EMPLOYEE**  
       WHERE **DEP\_ID** = ‘5’ and **LOC\_ID** = ‘2’;
  3. How many employees are a part of our Marketing department from our Seattle, Washington location?
     + SELECT COUNT(**EMP\_ID**)  
       FROM **EMPLOYEE**  
       WHERE **DEP\_ID** = ‘1’ and **LOC\_ID** = ‘1’;
  4. How many employees do we have in total?
     + SELECT COUNT(**EMP\_ID**)  
       FROM **EMPLOYEE**;
  5. What merchandise do we sell that is less than $10?
     + SELECT **\***  
       FROM **MERCHANDISE**  
       WHERE **MER\_COST** < 10;
  6. How many posters in total do we have left?
     + SELECT SUM(**MER\_QUANTITY**)  
       FROM **MERCHANDISE**  
       WHERE **MER\_TYPE** = ‘Poster’
  7. How many unique T-shirts of ours are autographed?
     + SELECT **\***  
       FROM **MERCHANDISE**  
       WHERE **MER\_TYPE** = ‘T-Shirt’ and **MER\_AUTOGRAPH** = ‘TRUE’;
  8. What Dota 2 players are from Team EG?
     + SELECT **\***  
       FROM **DOTA\_PLAYER**  
       WHERE **DOTA\_TEAM\_ID** = ‘3’;
  9. What Dota 2 players are all Position 2 players?
     + SELECT **\***  
       FROM **DOTA\_PLAYER**  
       WHERE **DOTA\_POS\_ID** = ‘2’;
  10. Who is the captain of Team Liquid?
      + SELECT **\***  
        FROM **DOTA\_PLAYER**  
        WHERE **DOTA\_TEAM\_ID** = ‘7’ and **DOTA\_PLAYER\_CAPTAIN** = ‘TRUE’;
  11. Who are all of the coaches?
      + SELECT **\***  
        FROM **DOTA\_PLAYER**  
        WHERE **DOTA\_PLAYER \_COACH** = ‘TRUE’;
  12. What Dota 2 players have earned more than $2m?
      + SELECT **\***  
        FROM **DOTA\_PLAYER**  
        WHERE **DOTA\_PLAYER \_EARN** > ‘2000000’;
  13. What are the total tournament earnings of all Dota 2 players from Team OG?
      + SELECT SUM(**DOTA\_PLAYER\_EARN**)  
        FROM **DOTA\_PLAYER**  
        WHERE **DOTA\_TEAM\_ID** = ‘1’
  14. What are the total tournament earnings of all Dota 2 teams?
      + SELECT SUM(**DOTA\_TEAM\_EARN**)  
        FROM **DOTA\_TEAM**
  15. What are all of the Agility Dota 2 heroes?
      + SELECT **\***  
        FROM **DOTA\_HERO**  
        WHERE **DOTA\_HERO\_ATTR** = ‘Agility’;
  16. What are all of the Dota 2 matches that Team OG has won?
      + SELECT **\***  
        FROM **DOTA\_MATCH**  
        WHERE **DOTA\_TEAM\_ID** = ‘1’;
  17. What are all of the Dota 2 series that were Na`Vi vs Alliance?
      + SELECT **DOTA\_SERIES.\***  
        FROM **DOTA\_COMPETING\_TEAM**JOIN **DOTA\_SERIES**  
        ON **DOTA\_COMPETING\_TEAM.DOTA\_SERIES\_ID** = **DOTA\_SERIES.DOTA\_SERIES\_ID**  
        WHERE **DOTA\_TEAM\_ID** = ‘2’ or **DOTA\_TEAM\_ID** = ‘6’  
        GROUP BY **DOTA\_SERIES\_ID**  
        HAVING COUNT(**\***) = 2;
* SQL – 3 Q/A for partner’s database (Nick Malmberg’s)
  1. What are the available genres on Spotify Radio?
     + SELECT \*  
       FROM GENRE
  2. What Kanye West (ARTIST\_ID: 2) songs are available on Spotify?
     + SELECT \*  
       FROM SONG  
       WHERE ARTIST\_ID = ‘2’;
  3. How many custom playlists contain a country song (GENRE\_ID: 7)?
     + SELECT COUNT(DISTINCT PLAYLIST\_ID)  
       FROM ADDED\_SONG  
       JOIN SONG  
       ON SONG.SONG\_ID = ADDED\_SONG.SONG\_ID  
       WHERE GENRE\_ID = ‘7’;