- 1. The number of times each option is selected across all respondents
  - When a user starts a survey/goes to the next question a new row is added in the UserAnswers table - with the QuestionID, UserID and the closed field is set to true by default.
  - Whenever a user answers a question The newly created row is updated in the UserAnswers table with the OptionID, and CreatedAt Date. Moreover, when a user answers the question the closed field is set to false.
  - We can query the UserAnswers Table grouping by QuestionID & OptionID and selecting only those answers when 'closed' is false and counting the total.
  - For individual answer counts we can just select the OptionID and the Closed field as false and count the rows.
- 2. The number of respondents who complete the survey (remember that some respondents will automatically skip questions, but should still be considered 'completed')
  - Whenever the user answers a question, the Options table can be queried to fetch
    the next question (to accommodate for skip logic), and when there is no next
    question (null/undefined) then the UserSurveys Table is queried using the
    SurveyID and UserID and the completed field is set to true.
  - The UserSurveys table can be queried to count all the rows where the completed field has a value of true.
- 3. The number of respondents who close the survey on each question (this is the same as someone viewing a question and not answering it)
  - From the first point we know an entry is created in the UserAnswers table whenever a user is presented a question. Moreover, the newly created record in the UserAnswers table has a default value of true for the closed field.
  - So when a user doesn't answer the question and closes the survey, or views a
    question but doesn't answer it the closed field remains true.
  - We can query the UserAnswers table to count all the rows where the value of the closed field is true. (Can even filter by individual questions by selecting that questionID in the query).