**SQL database checklist**

**Database:**

* In 3rd normal form
  + No duplicate rows
  + All fields contain a single value
  + All tables have a well chosen primary key
  + All columns depend on the primary key rather than another column ( no transitive dependency)
* Database has all data types asked for in the brief
  + At least 2 real variables (decimal/integer)
  + At least 1 free-text variable
  + At least one categorical variable
* Database has at least 3 tables
* Ideally no ID columns / surrogate primary keys
* All tables connected with sensible foreign keys
* All columns where there should be no missing data should be NOT NULL
* All tables should be filled with a decent amount of varied data