

Module 3 – SQL Data Analysis

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One limitation of carrying analytics over anonymously submitted data items is that anyone can submit an egregious value for a data field, and it might go unchecked. For example, if someone submitted a GPA of 100, this would drastically change the average calculations that were done, resulting in an average GPA that is not feasible. Further, in class we discussed examples where someone could maliciously insert statements like “DROP TABLE” that when read would delete the table in the database.

The analytic responses surprised me a bit. I thought there would be more acceptances percentage wise, however, given the range of schools calculated for the acceptance percentage, I suppose it may not be an accurate reflection since different schools have different weights of what may be more important in terms of acceptance (i.e. some universities care more about GPA, while others care more about GRE scores). Similarly, minimum GRE score requirements for acceptance may change from term to term, hence average values may vary across different years.