Assessments are a key component of learning. However, providing feedback on assessments (with or without points assigned) is time consuming for instructors, TAs, and graders. This becomes a bigger challenge in large classrooms. Providing helpful feedback for the learner is crucial regardless of the size and level of the course. In this talk, I will discuss different assessment types common in statistics and data science classrooms and provide strategies for fair and efficient grading for the different assessment types. In addition, the talk will introduce Gradescope an online automated grading tool. The examples of the talk will be from statistics and data science curriculum but the main points of the talk can be applicable in other classrooms.