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A way to evaluate the quality of generated images is with something called an Inception Score. An Inception Score takes the quality and diversity of an image into account and uses that to come up with a numerical score outlining how good the image is. Quality has to do with how easily the image can be identified correctly. If it is easy to identify what the image is then it will get a good score in quality. Diversity has to do with how different the images look from one another. If the image is the correct object and has slight variations to show that the model is generalized, then the diversity score will be better. In order to implement the Inception Score a probability distribution and a marginal distribution are created to measure quality and diversity respectively. These are used to calculate the Inception Score. Inception Score is higher when there is a high difference between the two distributions and is lower when the distributions are close together. By taking this Inception Score, one can show numerically whether an image or set of images are good or not.

Sources:
https://www.techtarget.com/searchenterpriseai/definition/inception-score-IS#:~:text=The%20inception%20score%20is%20calculated,not%20within%20those%201000%20classes.