

An approach for automated descriptive answer verification.

Abstract—Descriptive answer verification has been a modern-day requirement. It is undoubtedly a challenge for analysis and assessment of subjective answers along with their autonomous grading. Although objective answer evaluation has been in use for a long time, the analysis of subjective answers still possesses great complexity and there is no resolute or precise method for grading answers. Many methods have been implied and various metrics are currently being used for its evaluation with each one having its benefits and drawbacks. Thus, this research aims in tracking the feasibility of the metrics being used and providing an alternative approach for an automated system having relatively higher accuracy.

Index Terms—Natural Language Processing(NLP), Text-rank algorithm, Cosine Similarity, Fuzzy Logic.