To detect the syntax errors, parsing method is used in data cleansing. By parsing, lexical errors and domain errors can be rectified as it firstly takes sample set of values to deduce the format of the domain. Besides that, for anomaly detection, it generates discrepancy detector.

Integrity is the major concern when data is modified by inserting, deleting, or updat- ing something. If some integrity constraints are violated, then it is rejected during integrity constraint checking. Additional identified updates are to be added only to the original data if there is no violation in integrity constraint.