

VI.CONCLUSIONS

The Aggregator transformation calculates aggregates such as sums, minimum or maximum values across multiple groups of rows. The Aggregator transformation can apply expressions to its ports however those expressions will be applied to a group of rows unlike the Expression transformation which applies calculations on a row-by-row Basis. Aggregate functions are created in output ports only. Function grouping requirements are set using the Aggregator GroupByport. Available aggregate expressions: AVG, COUNT, FIRST, LAST, MAX, MEDIAN, MIN, PERCENTILE, STDDEV, SUM. The above example order amount should be summed Order_Amount is SUM (PRICE * QTY – DISCOUNT). Sorter is an active transformation which sorts the incoming data based on one or more key values (in an ascending, descending or mixed order). The Sorter transformation attribute, 'Distinct' provides a facility to remove duplicates from the input rows. The Order_Amount port should be sorted.

VII.REFERNCES.

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