

Tutorial 3e – latest, Max, Min, Sample, Sum and Top Transform in Apache Beam:

Latest:

- Gets the element with the latest timestamp.

Max:

- Gets the element with the maximum value within each aggregation.

Min:

- Gets the element with the minimum value within each aggregation.

Mean:

- Transforms for computing the arithmetic mean of the elements in a collection, or the mean of the values associated with each key in a collection of key-value pairs.

Sample:

- Transforms for taking samples of the elements in a collection, or samples of the values associated with each key in a collection of key-value pairs.

Sum:

- Sums all the elements within each aggregation.

Top:

- Transforms for finding the largest (or smallest) set of elements in a collection, or the largest (or smallest) set of values associated with each key in a collection of key-value pairs.

Resources:

- <https://beam.apache.org/documentation/transforms/python/aggregation/latest/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/max/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/min/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/mean/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/sample/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/sum/>
- <https://beam.apache.org/documentation/transforms/python/aggregation/top/>