

1. In comparison to Spark, Flink ...

- A Also uses a micro-batch model.
- B Offers high throughput with lower latency.
- C Provides exactly-once processing guarantee, which Spark does not.
- D Allows for faster iteration than Spark.



2. In comparison to Storm, Flink ...

- A Uses a streaming model, while Storm uses a micro-batch model.
- B Offers much higher throughput.
- C Offers lower latency.
- D Provides exactly-once processing guarantee, which Storm does not.



3. Clustering from Data Streams aims at...

- A maintaining a continuously consistent good clustering of the sequence observed so far
- B using a small amount of memory
- C having a small runtime
- D using a large amount of memory



4. Microclusters (or cluster features CF) ...

- A are triples, with the number of points, the linear sum of the N points and the square sum of the N points
- B fulfill incrementality and additivity
- C provide information for computing medoids and surface areas
- D provide information for computing centroids and radii

