Assignment

Week16: Apache Spark – Streaming Part-2

IMPORTANT

Self-assessment enables students to develop:

1. A sense of responsibility for their own learning and the ability & desire to continue learning,

2. Self-knowledge & capacity to assess their own performance critically & accurately, and

3. An understanding of how to apply their knowledge and abilities in different contexts.

All assignments are for self assessment. Solutions will be released on every subsequent week. Once the solution is out, evaluate yourself.

No discussions/queries allowed on assignment questions in slack channel.

Note: You can raise your doubts in the subsequent week once the solution is released

TRENDYTECH 9108179578

Problem 1:

Write a spark streaming program to find wind speed less than 11.00 and summary is equal to partly cloudy using file source. The output must be stored in CSV and Json format.

Input file: weatherHistory.csv

Problem 2:

Write a spark streaming program to do grouping of datetime and calculate average of temperature using tumbling window of 15 minute. Input is in json form and coming from socket. You are expected to print on console and save it in CSV format.

Input file: Weather.json (output of problem 1)

5 Star Google Rated
Big Data Course

LEARN FROM THE EXPERT

Google
REVIEWS

9108179578

Call for more details