

Data Intensive Computing - Review Questions 5

Deadline: October 6, 2019

1. What are the differences between vertex-centric and edge-centric graph processing models?

2. Explain briefly when we should use pure graph-processing platforms (such as GraphLab), and when we need to use platforms such as GraphX?

3. Assume we have a graph and each vertex in the graph stores an integer value. Write three pseudo-codes, in Pregel, GraphLab, and PowerGraph to find the maximum value in the graph.