

Lambda Architecture written assignment

- 1) Explain the factors leading to Big Data. List and explain major sources of Big Data.
- 2) List and explain the characteristics of Big Data.
- 3) List and explain the major challenges of Big Data Systems.
- 4) Discuss the problems faced by traditional database systems.
- 5) Discuss the required properties for Big Data Systems.
- 6) Explain the different layers of lambda architecture.
- 7) Differentiate between re-computation algorithm and increment algorithm.
- 8) List the requirements and responsibilities of batch layer.
- 9) Explain the requirements of Serving layer in lambda architecture.
- 10) With example show how low latency and high throughput can be achieved in Serving layer of lambda architecture.
- 11) List the requirements and responsibilities of speed layer.
- 12) Differentiate between batch and speed layers.