

Name: _____

ID: _____

- [illegible]

- [illegible]

3. (5 points) What are the key considerations for designing a scalable and efficient data lake architecture to support big data processing and analytics? Introduce in one or two lines the different components of a typical data lake architecture.

This image shows a full page of dot grid paper. It features approximately 20 horizontal rows of small, evenly spaced black dots. The dots are arranged in straight lines across the width of the page, providing a guide for writing or drawing without solid lines. The background is white, and there are no margins or other markings present.

4. (5 points) Explain an use case of data lakes.

[illegible]