Customer-Supplied Encryption Keys (**CSEK**) is a feature in Google Cloud Storage and Google Compute Engine. If you supply your own encryption keys, Google uses your key to protect the Google-generated keys used to encrypt and decrypt your data.  
When you use Customer-Supplied Encryption Keys in Cloud Storage, you provide a raw CSEK as part of an API call. This key is transmitted from the Google front end to the storage system’s memory. This key is used as the key-encryption key in Google Cloud Storage for your data.  
The raw CSEK is used to unwrap wrapped chunk keys, to create raw chunk keys in memory. These are used to decrypt data chunks stored in storage systems. These keys are used as the data encryption keys (DEK) in Google Cloud Storage for your data.

*Cloud DLP is the recommended approach to redact, mask, tokenize, and transform text and images to help protect data privacy.*