memcached vs redis

When storing data, Redis stores data as specific data types, whereas Memcached only stores data as strings. Because of this, Redis can change data in place without having to re-upload the entire data value. This reduces network overhead.

Elastic Cache

Amazon ElastiCache is a fully managed in-memory data store and cache service by Amazon Web Services (AWS). The service improves the performance of web applications by retrieving information from managed in-memory caches, instead of relying entirely on slower disk-based databases.