



The graph reflects the transaction time over add, delete and edit operations on categories as we change the sample time (number of objects), here the assumption is it takes 1ms end to end (sample time) to execute an operation on the object.

Sample time is a time it takes to execute one sample while transaction time is the time it takes to perform one operation such as edit, remove or create. One transaction can involve multiple sample time.

- **Transaction Time:** This represents the total time taken for a complete business transaction or operation to be executed. For instance, if a transaction involves logging into a website, searching for a product, adding it to the cart, and checking out, the transaction time would measure the duration from the start of logging in to completing the checkout process.
- **Sample Time:** Sample time, on the other hand, refers to the time taken for individual samples or requests made within that transaction. In a performance test, multiple samples or requests are executed as part of a single transaction. Each sample time represents the time taken for a specific request, API call, or action within that transaction to

complete.