

What is Exhaustive Testing?

Exhaustive testing is a test approach in which all possible data combinations are used for testing. Exploratory testing includes implicit data combinations present in the state of the software/data at the start of testing.

Example:

Consider an application in which a password field that accepts 3 characters, with no consecutive repeating entries. Hence, there are $26 * 26 * 26$ input permutations for alphabets only. Including special characters and standard characters, there are much more combinations. So, there are $256 * 256 * 256$ input combinations.