Key LeetCode problem categories for Data Science and Machine Learning interviews:

* **Arrays and Hashing:**
  + Two Sum (Q1)
  + Product of Array Except Self (Q238)
  + Find the Duplicate Number
  + Intersection of Two Arrays
* **Sorting and Searching:**
  + Merge Sorted Arrays
  + Search in Rotated Sorted Array
  + Kth Largest Element in an Array (Q215)
  + Find Peak Element  (Q162)
* **Dynamic Programming:**
  + Climbing Stairs (Q70)
  + Longest Common Subsequence
  + House Robber
  + Edit Distance
* **Strings:**
  + Longest Substring Without Repeating Characters
  + Valid Parentheses
  + Group Anagrams
  + Longest Palindrome
* **Math and Statistics:**
  + Combination Sum
  + Find Median of Sorted Arrays
  + N-Queens Problem
  + Factorial