

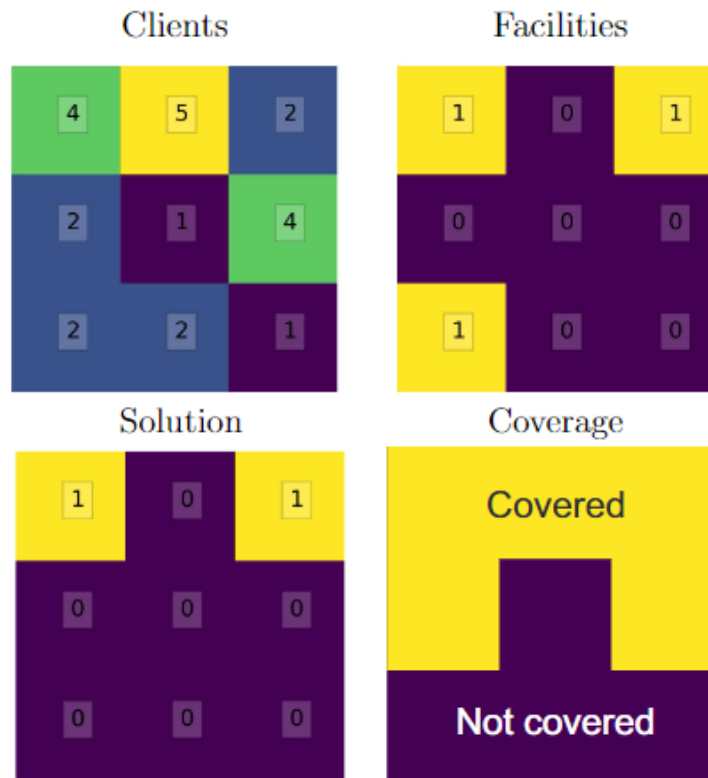
# Quantum Computing in Regional Sciences: An Optimization Problem

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# The Background

We are looking to explore the application of Quantum Computing to the Regional Science field, where several optimization formulations have been proposed and solved using heuristic methods that approximate an optimal solution.



Example of a problem Instance

# The Problem

The p-regions problem:  
The aggregation or clustering of  $n$  small areas into  $p$  spatially contiguous regions as homogeneous as possible

