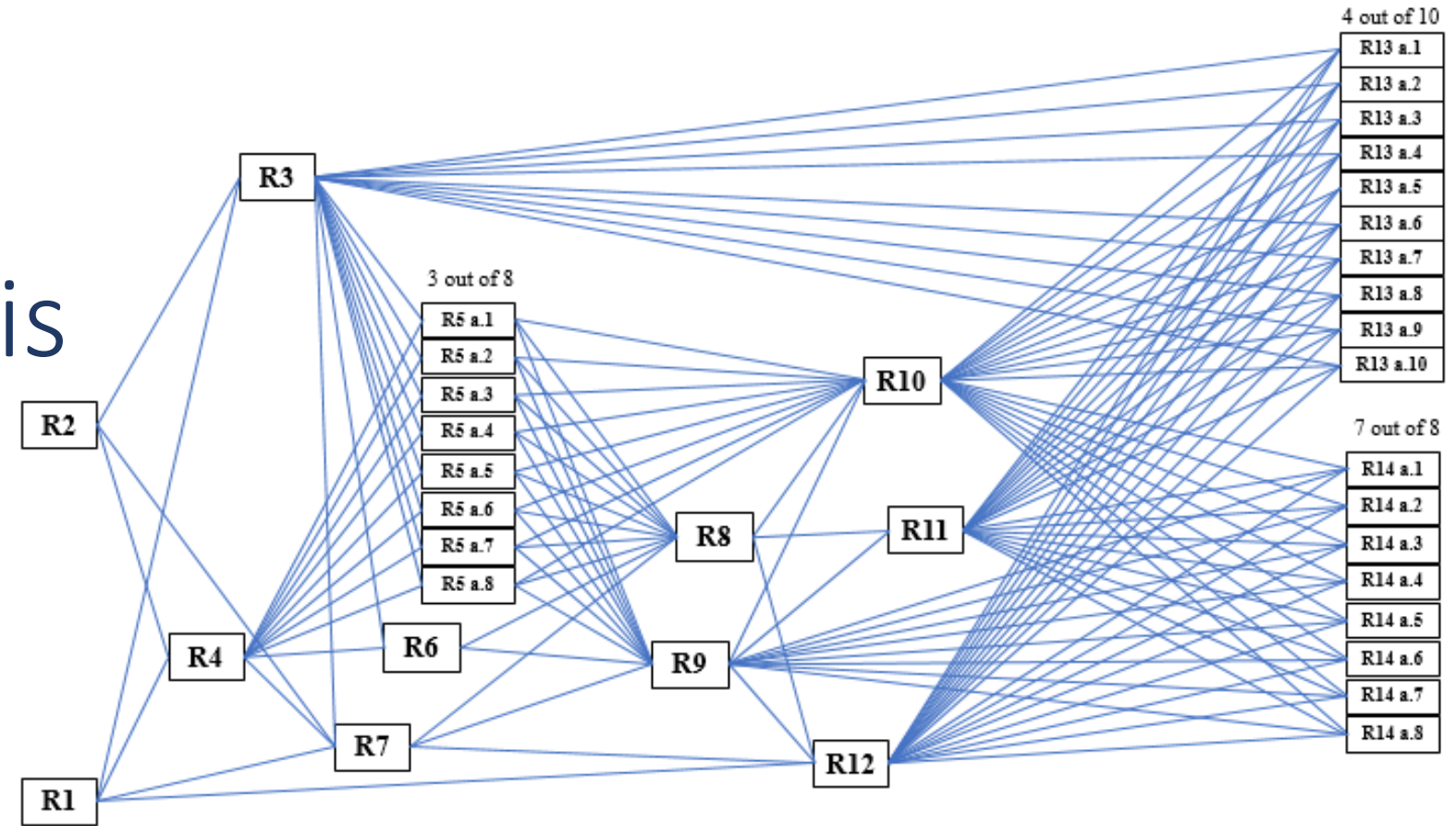


Reliability Analysis

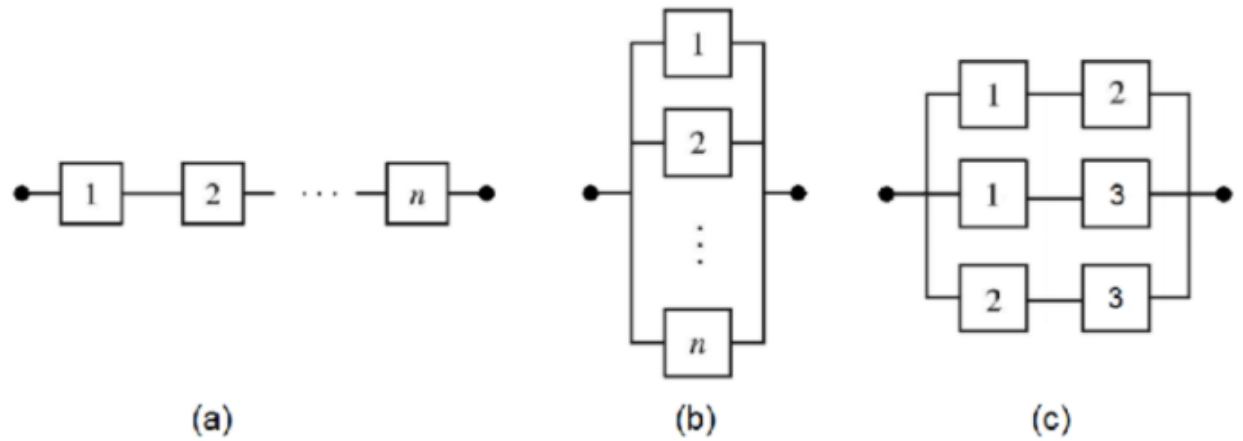
Implementation of a novel combinatorial algorithm in conditional and redundancy systems using advanced computational techniques



Jesus Olivera, Data Analytics & Visualization Student at Yeshiva University /Data Engineer at IBM

In collaboration with A.O. Olivera, Mechanical & Electrical Engineering Student at University of Puerto Rico – Mayaguez Campus

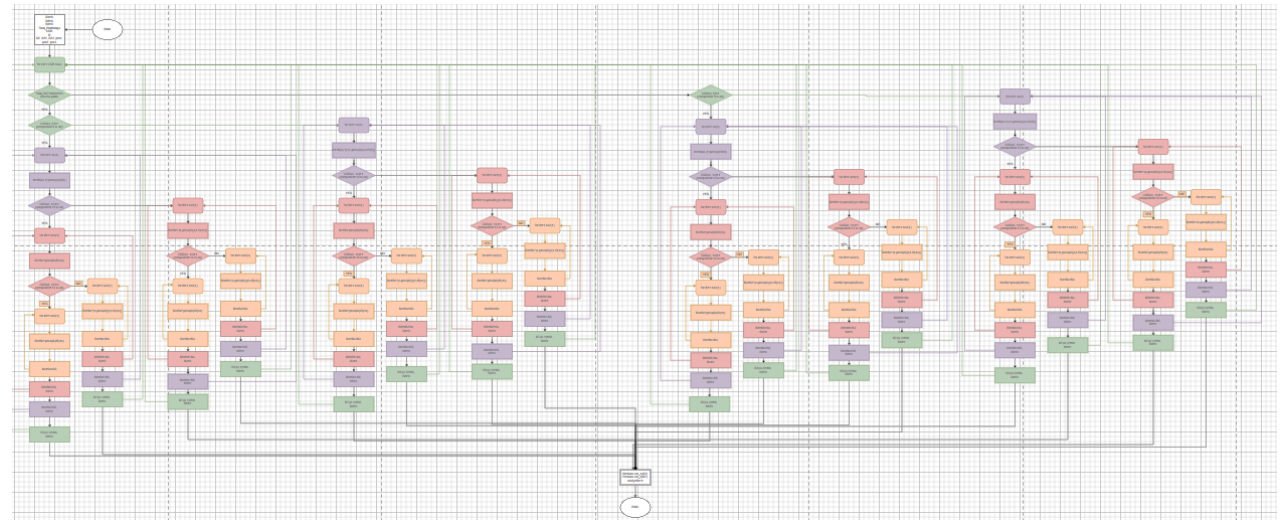
Introduction



Problem Statement

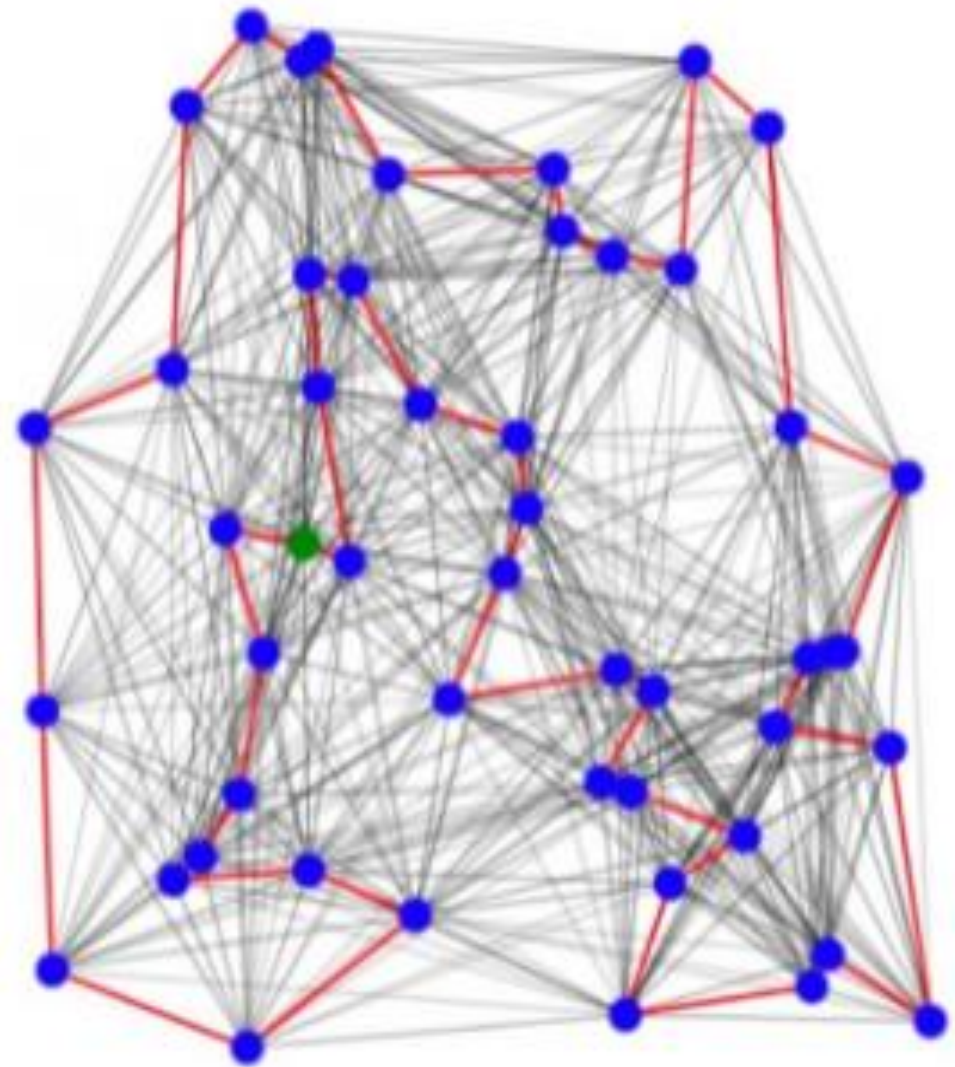


Objective



Previous Research & Current Knowledge

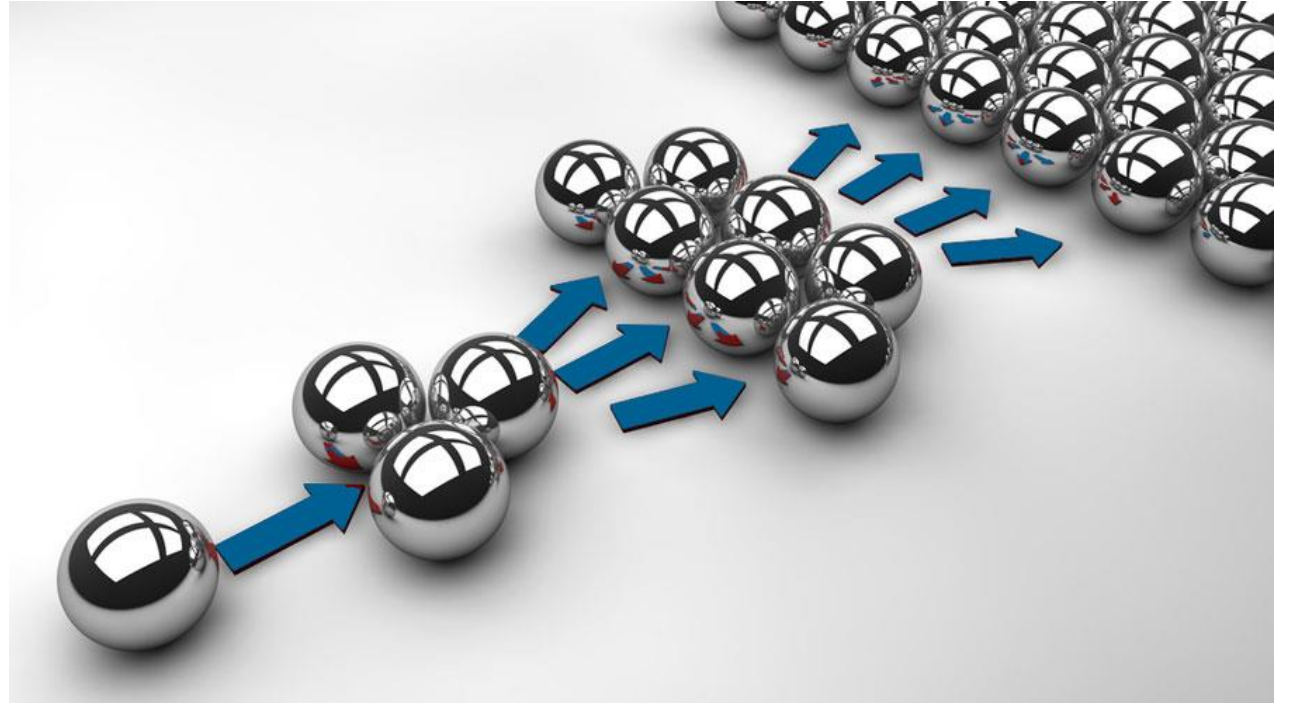
1. Overview of the Comb() and conditional algorithms developed by A.O. Olivera
2. Algorithm optimization and enhancement of computational resources to solved the use case, by Jesus Olivera.



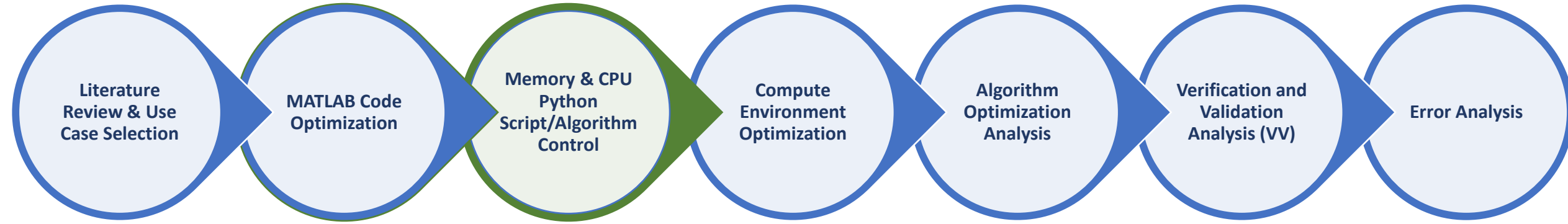
Importance



Broader Impact



Project Design



Thanks !