

My favorite optimization topic this summer has been solving Multi-period planning problems. These problems are fascinating because they require thinking about decisions over multiple time periods, adding depth and complexity to the models. It feels like working on real-world scenarios where you have to optimize resources, costs, and outputs while dealing with changing constraints over time. I love how decisions made in one period can affect future outcomes, highlighting the importance of strategic planning. This topic has really helped me appreciate the dynamics of long-term planning and the critical role it plays in achieving optimal solutions.