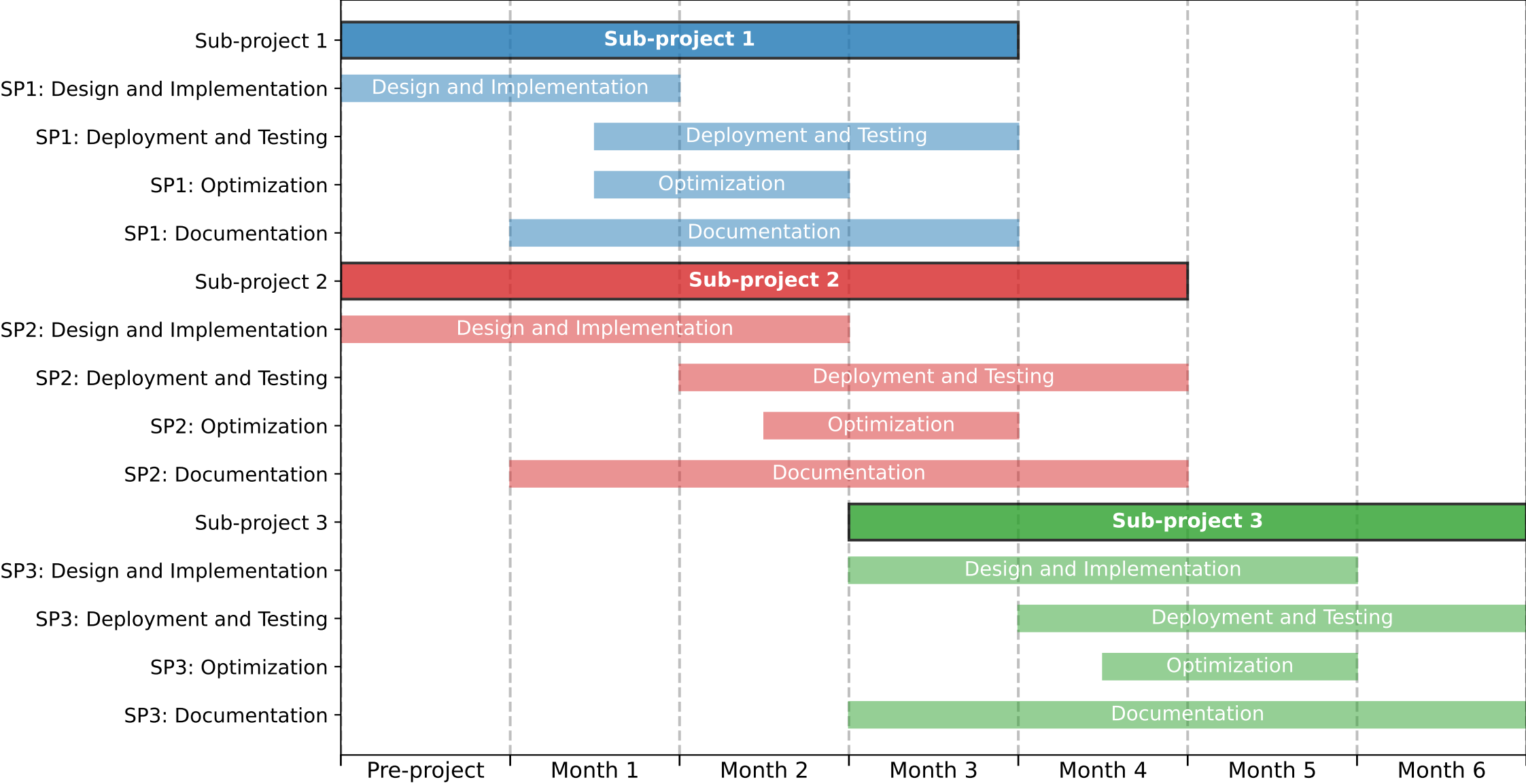


# Project Timeline



- Sub-project 1: Memory-Efficient Pretraining via Orthogonal Equivalence Transformation
- Sub-project 2: Normalized Neural Architectures for Language Modeling
- Sub-project 3: Advancing Open-Source Language Models through Efficient Pretraining