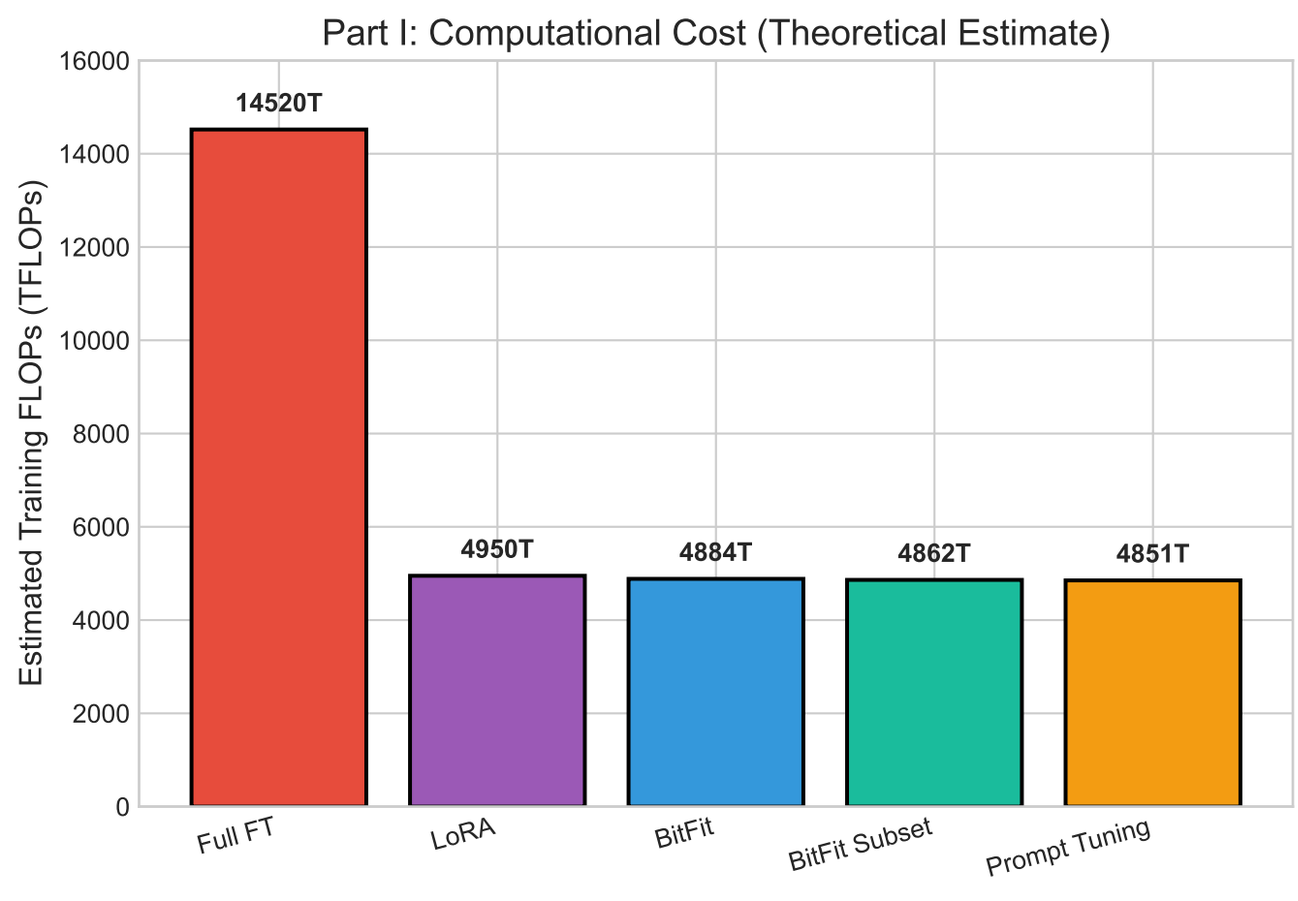
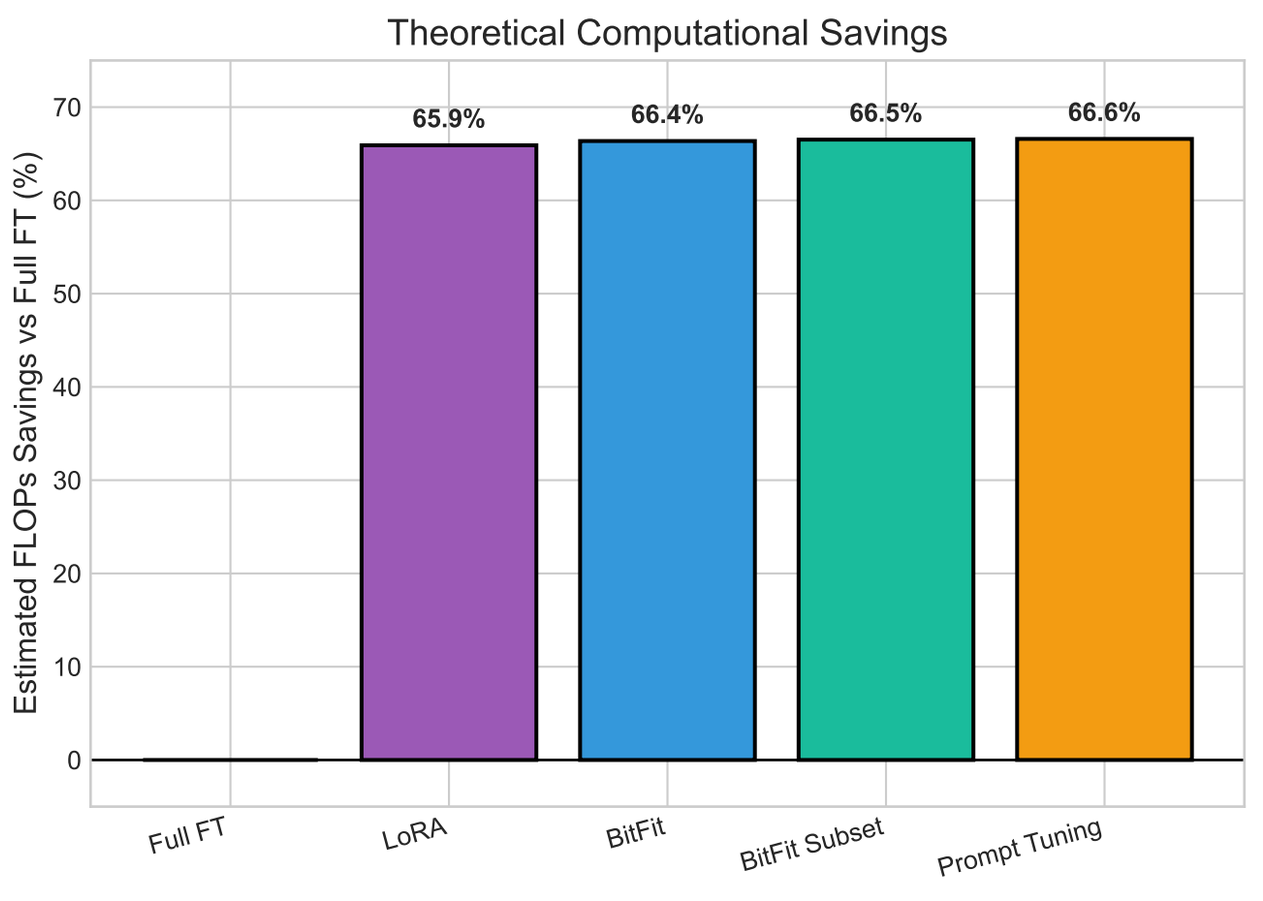

Part I: Computational Cost (Theoretical Estimate)
Estimated Training FLOPs (TFLOPs)
16000
14000
12000
10000
8000
6000
4000
2000
0
14520T
4950T
4884T
4862T
4851T
Full FT
LoRA
BitFit
BitFit Subset
Prompt Tuning


Theoretical Computational Savings
Estimated FLOPs Savings vs Full FT (%)
70
60
50
40
30
20
10
0
65.9%
66.4%
66.5%
66.6%
Full FT
LoRA
BitFit
BitFit Subset
Prompt Tuning