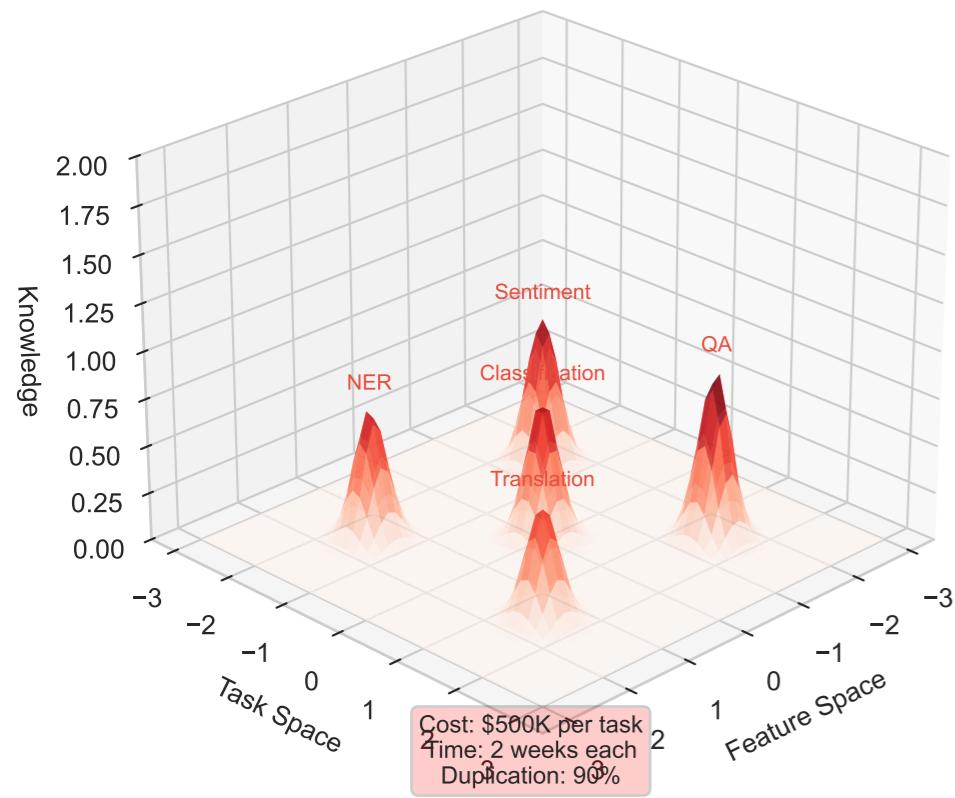
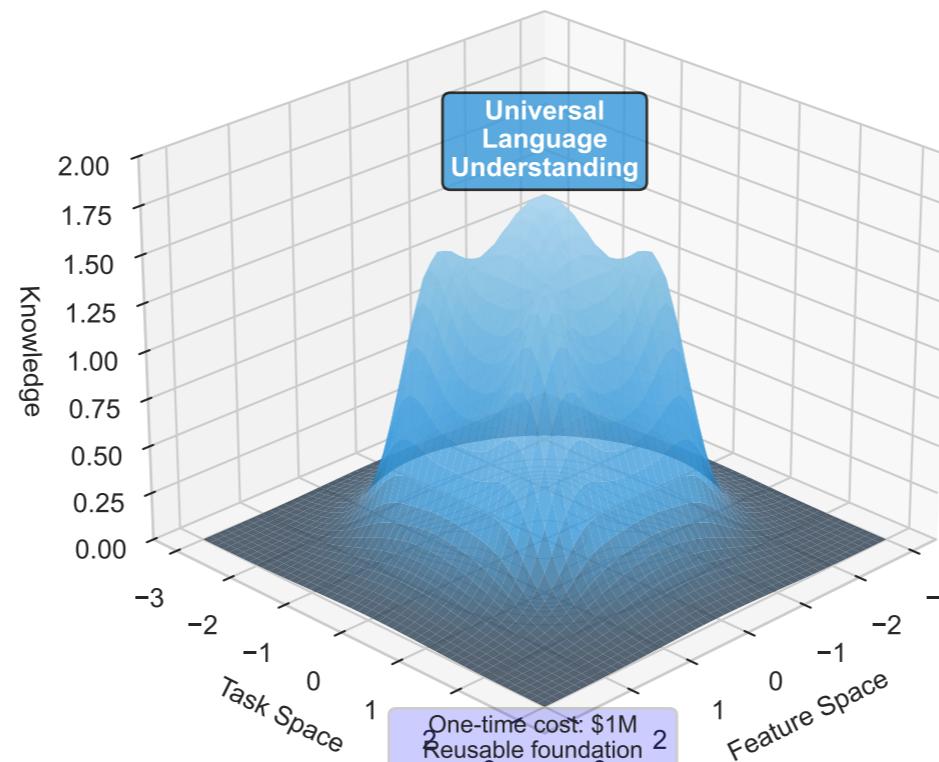


# The Pre-training Revolution: How Foundation Models Changed Everything

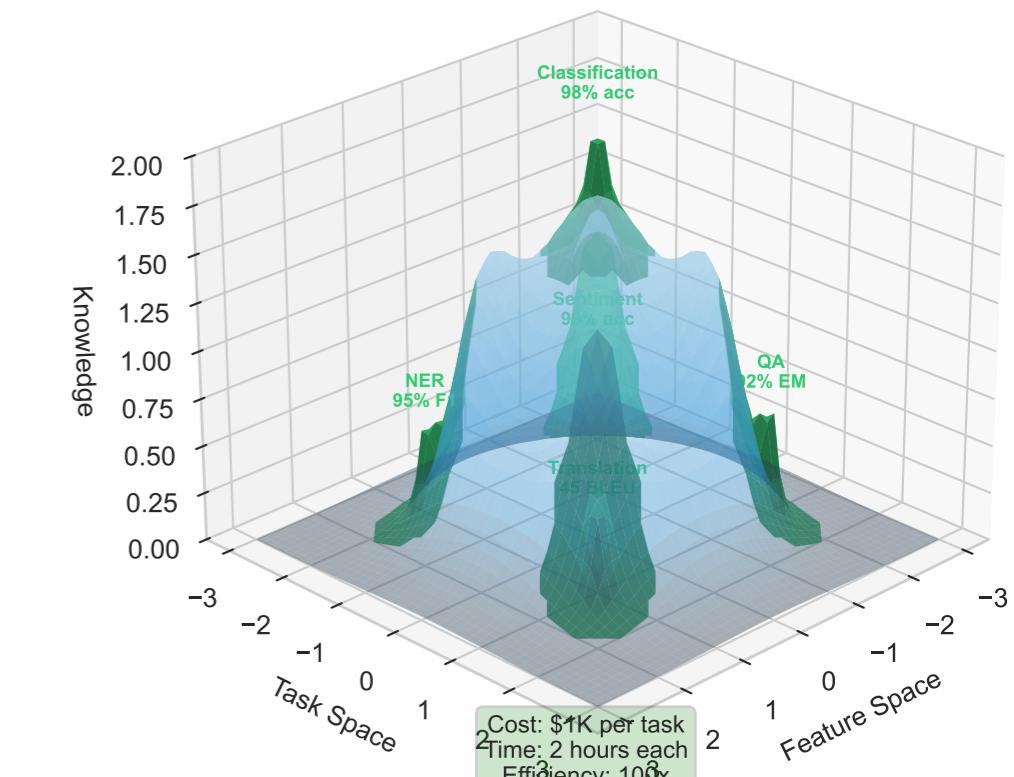
**BEFORE: Isolated Task Learning**  
(Each task learns from scratch)



**BREAKTHROUGH: Pre-training Foundation**  
(Learn once from all text)



**AFTER: Efficient Fine-tuning**  
(Adapt pre-trained model to tasks)



## The Pre-training Revolution: Exponential Progress

