# Retriever:

1) adding tool descriptions and integrating retriever: https://colab.research.google.com/drive/1Bbm9LGU82tSLPqVFXEcLIL7facqnmGr2?usp=sharing
2) (trainable llm file)IR bert training and Mini lm v2 training: https://colab.research.google.com/drive/15-0ulzglJOTkv5cmNENwpBXMcuxDiBeJ?usp=sharing
3) OpenAI Retreiver: https://colab.research.google.com/drive/1d5Bu66srTZy-NUGNPx7J0YbwRNX6plaq?usp=sharing
4) BM25, Contriever, mini LM L6 v2: https://drive.google.com/file/d/1hwIDYTH_Yi7K6RnU87jNIjSUi0mPk3bN/view?usp=sharing

# Data generation:

1) thought-action pair generation code=> https://colab.research.google.com/drive/1jh9l6kFO76fsTG_5q7BSWbuV4mPiR1_c?usp=sharing
2) query-relevant api dataset generation (input data for thought action pair)=> https://colab.research.google.com/drive/1PF19iIB65YOv4zeNhwWzErgP0MhrGR-X?usp=sharing
3) query-json response (direct) data generation=> https://colab.research.google.com/drive/1huFozlBdYV2p1prgN6bpkDjQkIRuQKyb?usp=sharing

# Train code:

1) training_ToolExecutor_AlternateApproach1_step4_option3=> https://colab.research.google.com/drive/1k8Zs53Q5MCgaaE6qoodR7LqbODqjMU4W?usp=sharing
2) JsonFormer=> https://colab.research.google.com/drive/1fzIZsuFLJtrLxNhbehlu0ZZULjWXsvgL#scrollTo=phozRyyfwd9E
3) Final code for training llms -> using lora -> training can run on google colab=> https://colab.research.google.com/drive/1T-RPScdS5I3bbp0nOtBbS05uiOM_ysIQ?usp=sharing

# Deployment:

1) run chainlit application from google colab=> https://colab.research.google.com/drive/1IufjSR2E4wXCrWriLdzOGF8pR4oRt8QW?usp=sharing
2) convert to gglm and Quantize model => https://colab.research.google.com/drive/1NSPllh3o9apPuY8UdpSUZQYOTVgG_t_0?usp=sharing
3) Model deployment on chainlit => https://drive.google.com/file/d/1pbMYFDCvQsdKP294WZgtj8HSsGFTWFCC/view?usp=sharing

# Bonus:

1) running inference on Microsoft TORA => https://colab.research.google.com/drive/16MuwhMWPnBpEaqbUqtuU1UM-QVGkSqel?usp=sharing

# Final_colab:

1) Final colab : https://drive.google.com/file/d/1JB7QSBE-Knk0fMZnUqt2zPODRLNf62G2/view?usp=sharing

# Dataset:

https://drive.google.com/drive/folders/1_ydX-CZQW1OrXtvR7lSp8E2wcaRe-UFS