

Take Home - RAG

☰ Tags



Welcome to the take home round. This is a special round: the last call. You'll be given a very hard problem to solve.

Topic: we'll be interested in retrieval system using bi-encoders and we're keen to see ModernBERT performance on retrieval using bi-encoder setups.

Tasks:

- package bi-encoder w/ modernbert as an API usable in a RAG set-up
- build a small use case demo to showcase the impact of such architectures feel free to be creative

We recommend using tools such as FastAPI for the back-end and chainlit for the UI.

Outcome:

- 40 min technical presentation
 - 20 min research oriented
 - 20 min implementation oriented
- Github code repository shared