

Hallucination Detection

(ELOQUENT Lab @ CLEF 2024)

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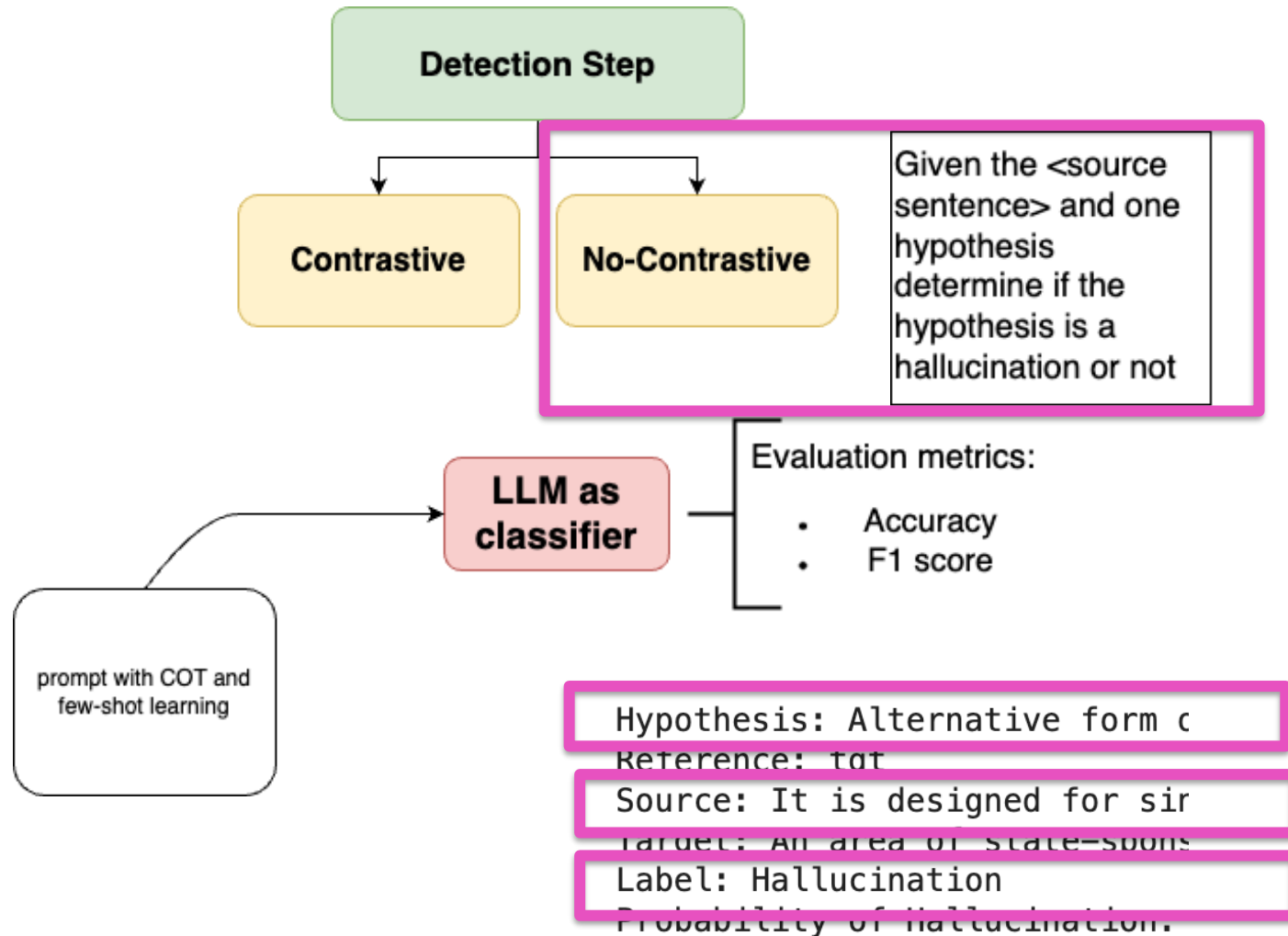
08-04-24 – Cologne, Germany
<https://ir.web.th-koeln.de>



Technology
Arts Sciences
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What done



- Link to evaluation metrics:

❖ Accuracy

✓ [Source1](#)

❖ F1 score

✓ [Source1](#)

MPT-7B

falcon-7b-instruct

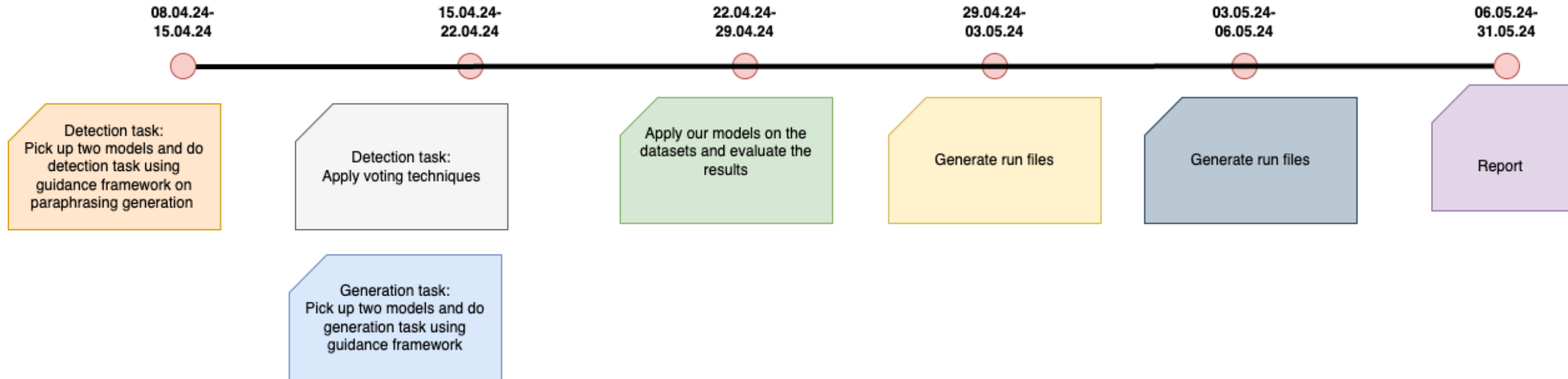
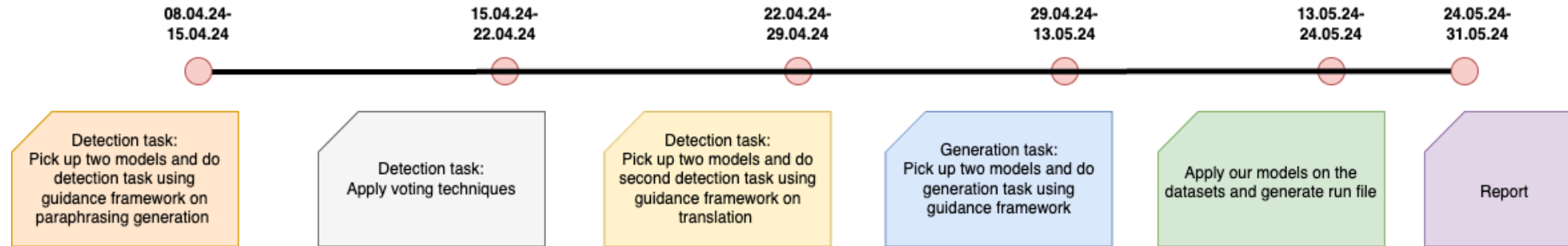


Groups	Models
Anh Bui, Saskia Brech, Melanie Ullrich	Llama2 and MPT
Natalie Hußfeldt, Tobias Jennert	Falcon

Timeline:

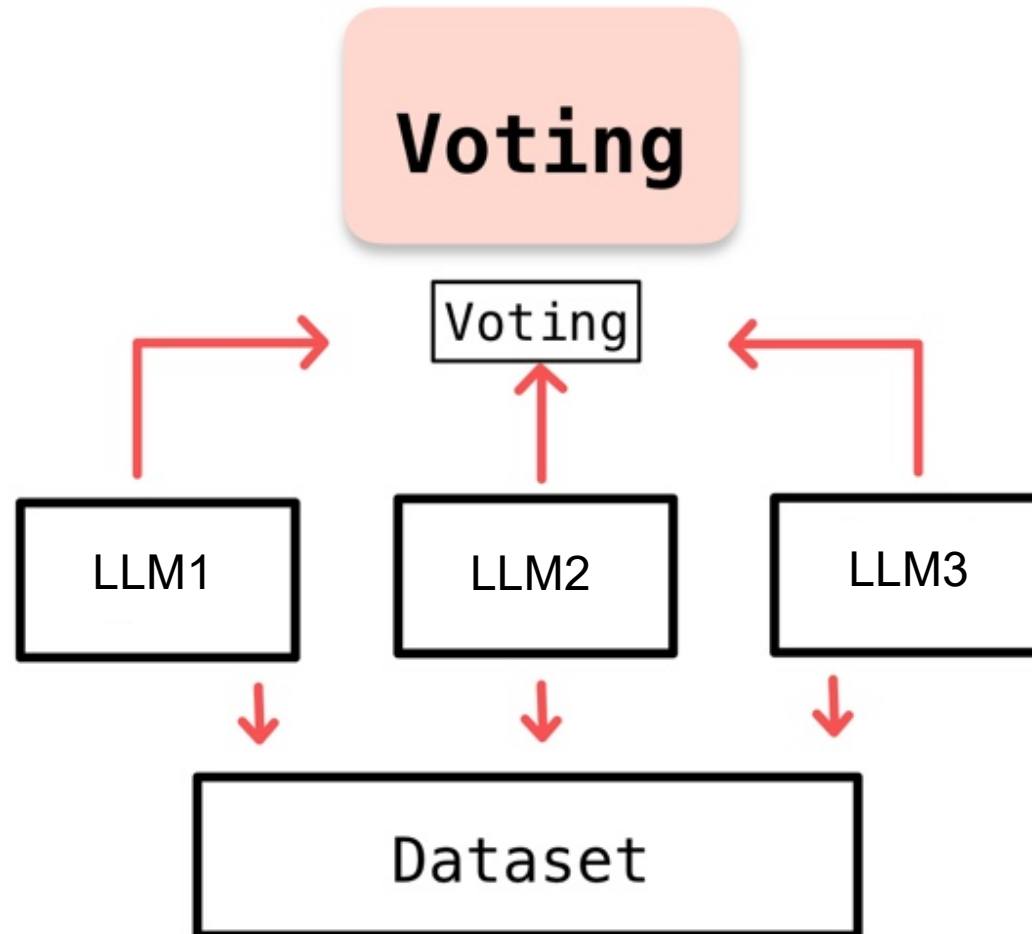
- May 6: submission of experimental run results
- May 24: results from evaluation are sent to participants
- May 31 (strict!): submission of report manuscripts from participants for workshop proceedings
- June 24: notification of acceptance for participant papers with reviewer comments
- July 8 (strict!): submission of camera-ready final manuscripts
- July 22-26: preview proceedings check by manuscript authors
- Sept 9-12: CLEF Conference and ELOQUENT workshop sessions in Grenoble!

Timeline and tasks

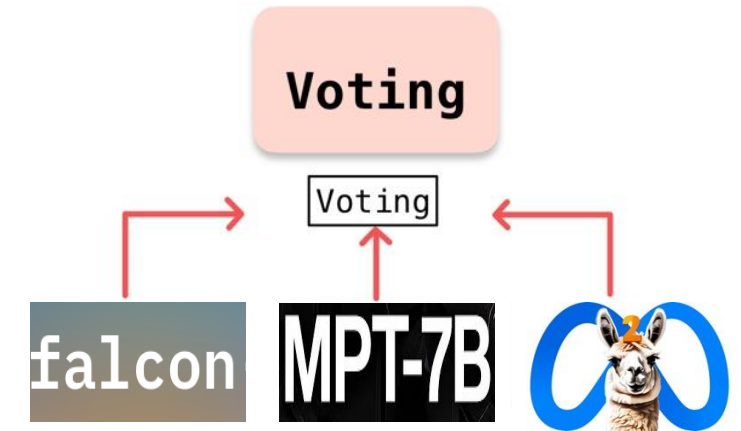
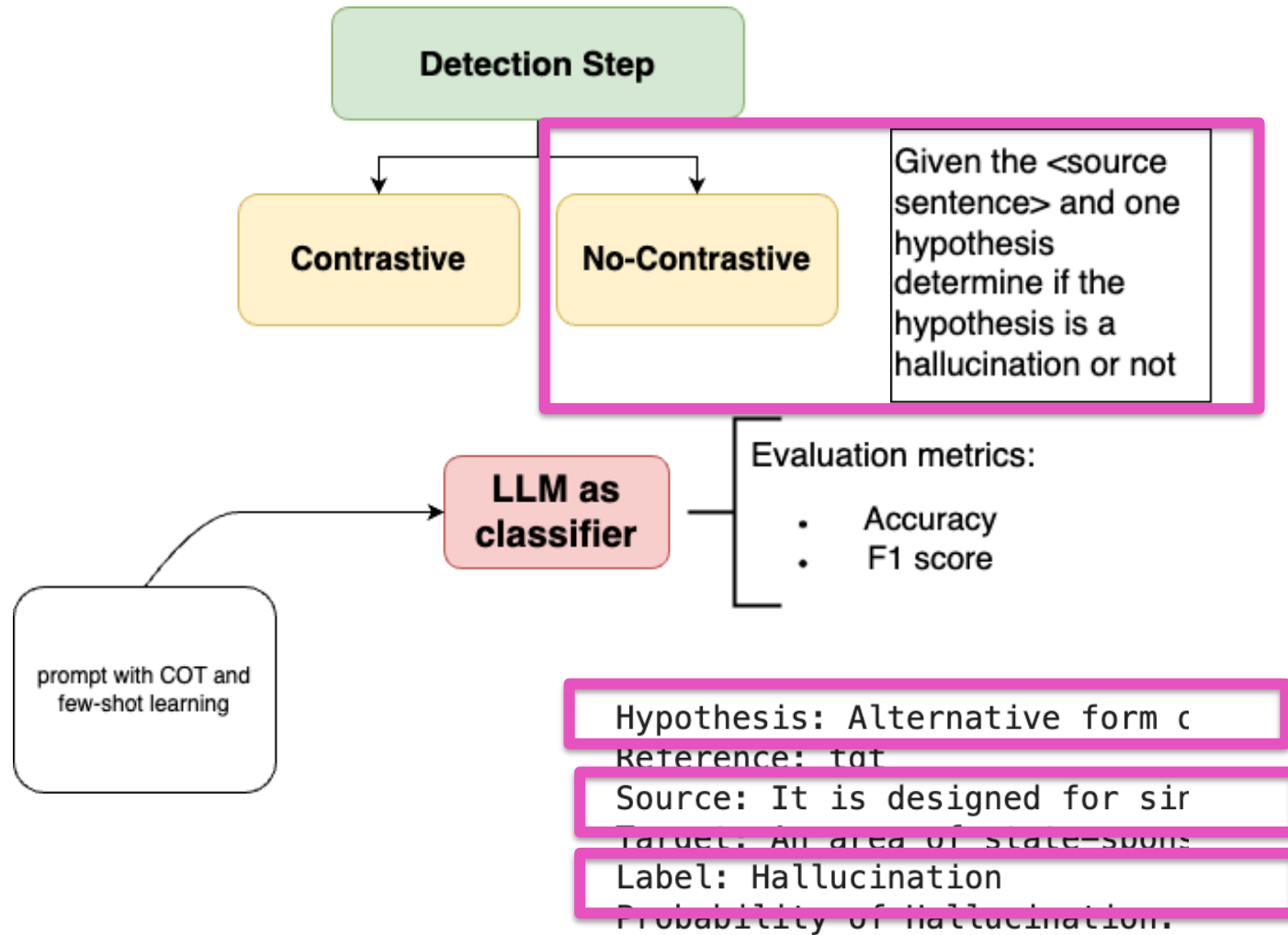


Voting

- Comparing the efficacy of LLMs as elevators using ensemble technique such as the voting approach.



Task for next week:

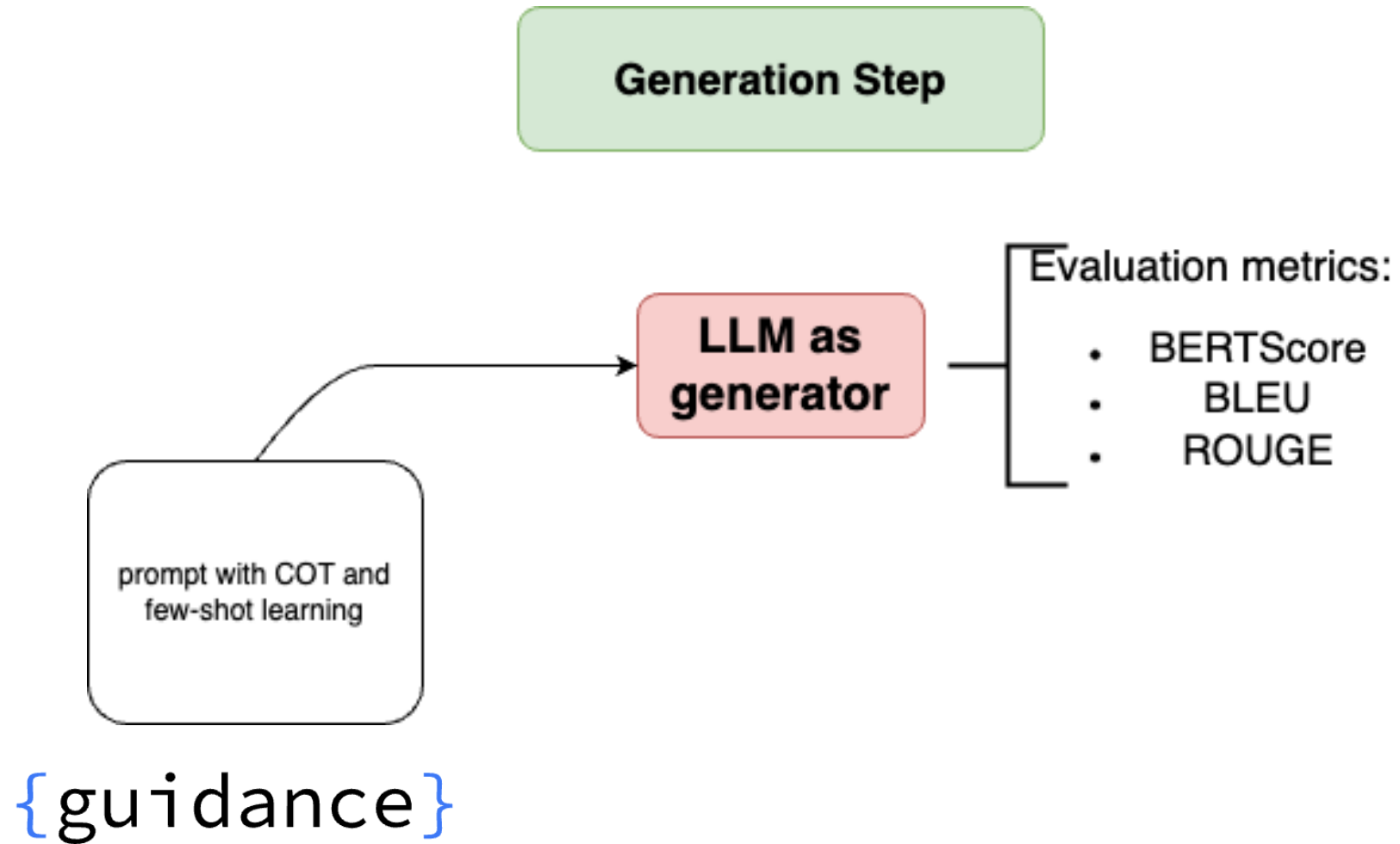


Sources you need for next week

- Ensambling through voting

✓ [Source1](#)

Generation Task



Sources to find what you need

- For evaluation metrics:
 - **BLEU**: nltk ([link](#))
 - **ROUGE**: py-rouge
 - ✓ [Source 1](#)
 - ✓ [Source2](#)
 - **BERTscore**: transformers
 - ✓ [Source 1](#)
 - ✓ [Source2](#)



