KILT

Open QA, Fact Verification, Recommendations, ...

Google Search API

Non-KILT

Planning, Math Puzzles, Email generation, ...

Task Classifier

Original Data

Question

Defined Tasks

ReAligned Data

Question Response

Evidence

E_1 Answer α ...... E_2 Answer β .... E_K Answer ζ ......

Filtering rules

Length
✔ Rewritten
✘ Original

Task-based
● Code Related
● Exam Tutor
● Planning

T_1 Email Genration

Format
✔ Subject
✔ Body
✔ ...

T_2 Text Correction

Format
✔ Answer
✔ Explain
✔ ....

Retrieved Evidence

Guidance
✔ Format ✔ Evidence ✔ ......

Defined Formats

T_3 Math Puzzles

Format
✔ Analysis
✔ Solution
✔ ...

User

T_4
T_5
...
T_N

Original Data

Question Response

$\oplus$

Query ChatGPT

Reformat

Post filtering

Step1: Define Tasks and Formats

Step2: Retrieve External Knowledge

Step3: Reformat Responses