

Step 1 : Data Collection

Download
SO Dataset

Tag – based
Filtering

Initial Screening



Step 2 : Data Labeling

categorize these posts into
nine OpenAI API categories.



Step 3 : Popularity Trend Analysis

Examine User Counts
and the Number of Questions

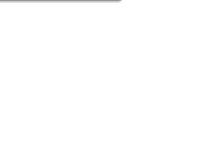


Step 5 : Challenge Identification

Topics Name and
Challenge Identification

LDA Topic Modeling
For Each API

Data Preprocessing For LDA



Step 4 : Difficulty Analysis

Analyze % W/O Accepted Answer
and Median Time To Answer

