

TASK: Calculate topic relevance scores for a single user given candidate topics

INPUT:

- User behavioral data: MSN clicks, Bing searches, clicked queries, upvotes, MAI tags, demographics
- Candidate topics: List of topics (e.g., "Healthcare & Wellness", "Technology News", "Financial Planning")

OUTPUT:

- For each topic: relevance score (0.0-1.0) + reasoning based on user behavior

PRIVACY CHALLENGE:

- User data contains sensitive information (medical conditions, financial status, personal queries, demographics)
- Standard approach: Feed raw data directly to LLM
- Risk: Data exposure, model memorization, privacy violations
- Required: Accurate scores WITHOUT exposing sensitive personal data

