Skills

skill_id (PK)

skill_name

Trend_Queries

query_id (PK)

skill_id (FK)

geography ('US', 'NY', etc.)

time_window ('2019-01-01 to 2025-10-01')

granularity ('weekly'/'monthly')

1..*

Trend_Data

point_id (PK)

query_id (FK)

date

interest (0–100)

1..*

Simplified ER Diagram – Option 4 (Google Trends)
• One Skill can have many Trend_Queries (different regions/windows)
• One Trend_Query has many Trend_Data points (weekly or monthly time series)