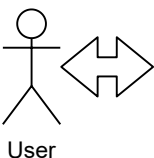


ISTMINER Framework



Interactive Features

CSV
Generation

Knowledge
Graph
Visualization

Map
Visualization

Dataset Upload

Interactive
Query
Construction



Core layer

Semantic Enrichment

Knowledge Graph
Construction



Spatiotemporal Co-occurrence Patterns Extraction

Candidates Generation &
Filtering

Co-occurrence
Patterns
generation



Storage & Indexing



Data Cleaning

Features
Selection

Spatiotemporal
Types Selection

MobilityDB

GIST, SP-GiST, Btree

Indexing

