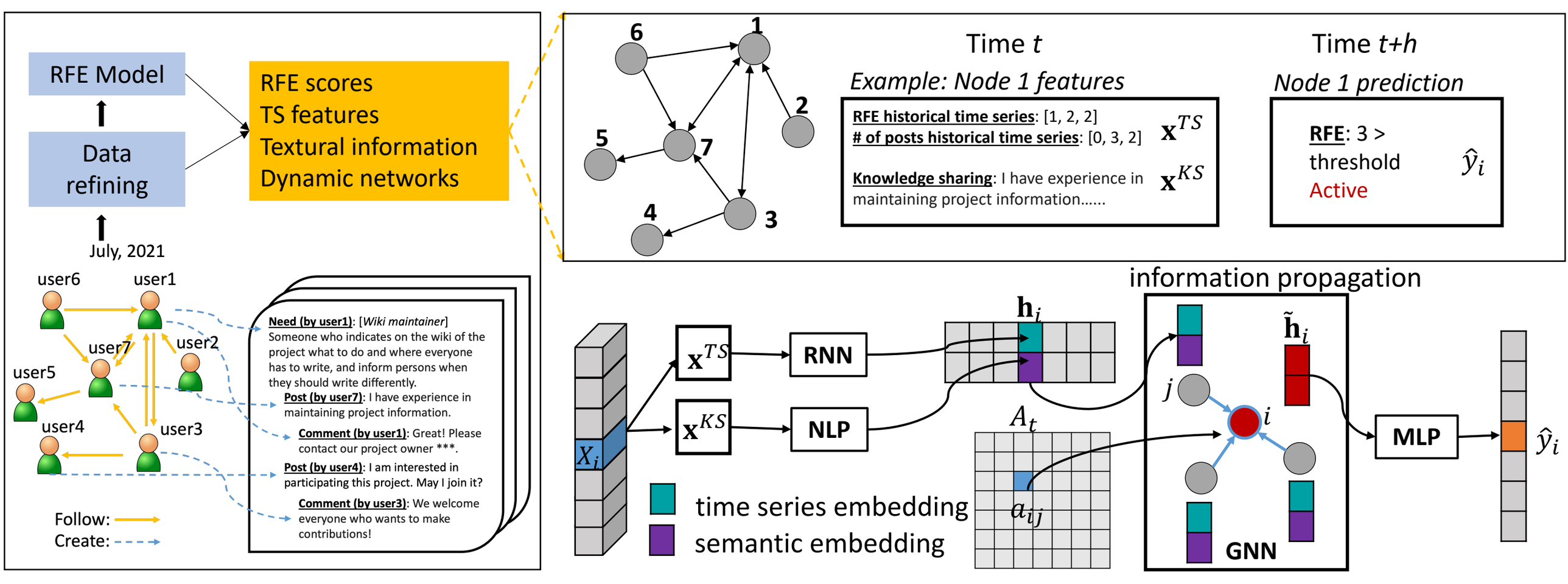
RFE Model
Data refining
July, 2021
RFE scores
TS features
Textural information
Dynamic networks
user6
user1
user2
user7
user5
user4
user3
Follow:
Create:
Need (by user1): [Wiki maintainer] Someone who indicates on the wiki of the project what to do and where everyone has to write, and inform persons when they should write differently.
Post (by user7): I have experience in maintaining project information.
Comment (by user1): Great! Please contact our project owner ***.
Post (by user4): I am interested in participating this project. May I join it?
Comment (by user3): We welcome everyone who wants to make contributions!
Time t
Example: Node 1 features
RFE historical time series: [1, 2, 2]
# of posts historical time series: [0, 3, 2]
$\mathbf{x}^{TS}$
Knowledge sharing: I have experience in maintaining project information……
$\mathbf{x}^{KS}$
Time t+h
Node 1 prediction
RFE: 3 > threshold
Active
$\hat{y}_i$
information propagation
X_i
RNN
NLP
$\mathbf{h}_i$
A_t
a_{ij}
time series embedding
semantic embedding
$\tilde{\mathbf{h}}_i$
j
i
GNN
MLP
$\hat{y}_i$