Tianyou Wang

What is your name and affiliation?
Tianyou Wang, Master student at ECE

What is your field of research or study?
Electrical engineering

Read the introduction to rTisane, making highlights + notes + connections as you go. Explain your process.

- Highlight key ideas and questions
- Self-reported rationale:
    - Try to figure out what is the question this paper trying to solve
    - What does this paper do
- No notetaking

Go back and reread the introduction, trying to answer the question: What is the methodology of the paper? Use the add read feature to make additional highlights + notes + connections with another color. Explain your process during this second read.

- Focus on methodology part (start from page 2 paragraph 2)
- Connect with previous relevant highlight

Do you think using this tool helped deepen your understanding of the text? How so?
- I don't think it deepens my understanding of the text, but the color encoding and "read" feature make it easier to figure out the structure of the paper, and make the reading experience more logical.

Did you encounter any difficulties using our interface?
- Hard to make connection and move nodes

Rate the tool's usefulness and what other features you would want to see.
- Usefulness 8/10
- Leanability 2/10 (1 means easiest to learn, 10 means hardest to learn)

Additional features you'd like to see in a more fleshed out version?
- Hierarchical organization of node (e.g. can hide nodes based on importance)

Please take a screenshot of your highlights and graph to send to us.

gaps

exploratory study of analysts using a domain-specific...

reflect on their implicit understanding of the domain and consider...

analysts' domain knowledge

conceptual models

software tools exist for building conceptual models

externalize (goal (i)

which implicit assumptions are important

express

for- mulate

statistical non-experts.

design and implementation of a domain-specific language (dsl) for e

omain-specific language (dsl) f

tart with an exploratory study to identify challenges sta- tistical...

tisane consists of (i) a dsl for expressing conceptual models...

rtisane, a system for externalizing concep- tual mode

asy f

compare rtisane to a scaffolded w

guide

ntents,