Literature Mapping

AI Tool Used: Research Rabbit

Research Topic: Digital Twin for a Power System

I have uploaded a research article relevant to the field in the tool.

It gave number of options to further explore the paper in terms of the following:

Similar Work – Where it gave number of research articles related to the article I gave as input to the tool. Along with it also gave a graph giving the mapping of similar work carried out by other researchers with the details of author, year etc. The graph shall represent the similarity in terms of varying size of circles. It gave the PDF documents (similar work) also, if they are open access or available for free.

All References – Another feature it gave was the details of all the references in the research article I gave as input along with the time lines. It gave the PDF documents (reference) also, if they are open access or available for free.

Citations - It also gave the citations of some important publications

There is another feature "Explore Authors". That helps us to know who are all the people working in this area. Also we can communicate with them either to get clarifications on the work they have done or collaboration.

The following are some advantages of the tools:

1. It has simplified the literature survey and reduced considerable the time take for the same.
2. Based on the suggestions made by the tool, it is easier to identify the similar work carried out earlier so the research gaps can identified and help us conduct research (Provides research direction in a short span of time)
3. Helps us in identifying the authors with whom we can collaborate.