Type: Practical Project
Topic: Distributed data-centric networks

Specification:
The aim of the project is to perform a dependability analysis (functionality and performance) of the contribution defined in the following paper

Mayank Bawa, Aristides Gionis, Hector Garcia-Molina, Rajeev Motwani:
The price of validity in dynamic networks. J. Comput. Syst. Sci. 73(3): 245-264 (2007)
https://doi.org/10.1016/j.jcss.2006.10.007

In particular, the analysis must consider different dynamic networks, highlighting how the dependability metrics change on different networks.

The final report should include:
- description of the contribution in the paper
- description of the dynamic network models considered in the analysis
- description and analyses of the potential limitations;
- description of the evaluation design and the collected results, in relation to the parameters under consideration;
- link to the repository with the source code;
- installation manual for the software configuration and execution.