Reading control 4: Exploring and querying data

Material
1. Wasay, M. Athanassoulis, and S. Idreos, "Queriosity: Automated Data Exploration [Vision]," Proceedings of the IEEE International Congress on Big Data, 2015.
2. M. Then, G. Stephan, T. Neumann, and A. Kemper, "Automatic Algorithm Transformation for Efficient Multi-Snapshot Analytics on Temporal Graphs," vol. 10, no. 8, pp. 877–888, 2017.
3. M. Athanassoulis, "Querying Persistent Graphs using Solid State Storage Why Path Processing over Linked Data ?," no. March, 2013.
4. I. Alagiannis, M. Athanassoulis, and A. Ailamaki, "Scaling up analytical queries with column-stores," Proceedings of the Sixth International Workshop on Testing Database Systems – DBTest '13, p. 1, 2013.

To Do
1. Get together with the members of your team and answer the following assignment.
For each paper you prepared for this reading control:
   a. State the problem addressed by the work reported.
   b. Which are the research questions that best depict the objective of the research work? Propose 2 - 3 questions.
   c. Search for elements within the paper that support your choice of questions. Enumerate them and relate them with the questions that you proposed for answering question b.
   d. Which is the main contribution of the work reported in the paper? Do the results reported in the paper (if any) respond at least partially to the research questions? Your answer should provide evidence from the paper (i.e., say in which Section and paragraph you find citations that can support your answers).

2. Get together with other teams that worked on the same set of papers. Compare and debate about your answers
   e. Integrate your results in a word document (problem statement, research questions, contribution(s), results that answer research questions)
   f. Hand in a pdf underlined with different colors for highlighting the parts that support your answers and the word with your answers. Include the number of the group and the name of the participants.