Claims:

1. A data access management system comprising:

a data access request builder module configured to receive data characterizing a data access request and generate one or more knowledge graphs therefrom;

a model trainer module configured to identify one or more knowledge graphs of previously approved data access requests having similarities with the one or more knowledge graphs generated for said data access request, generate a global knowledge graph, comprising the identified one or more knowledge graphs, and determine from said global knowledge graph one or more recommendations for improving probability of approval of the data access request; and a compliance engine configured to modify and/or augment at least one of the one or more knowledge graphs of said data access request based on the recommendations determined by said model trainer module for improving probability of approval of the data access request, to thereby issue a modified and/or augmented data access request.

2. The system according to claim 1, comprising a modeler module configured to receive and process resolution data indicative of approval or denial of the modified and/or augmented data access request, and generate based thereon recommendation data for further processing of said modified and/or augmented data access request by the compliance engine.

3. The system according to claim 2, wherein the recommendation data is configured to cause the compliance engine to generate a policy from the one or more knowledge graphs ofthe modified and/or augmented data access request whenever the resolution data is indicative of approval of said modified and/or augmented data access request.

4. The system according to claim 2, wherein the recommendation data is configured to cause the compliance engine to further augment and/or modify the knowledge graphs of the modified and/or augmented data access request according to weights and/or priorities of elements of knowledge graphs included in the global knowledge graph.

5. The system according to claim 4, wherein the recommendation data is configured to further cause the compliance engine to generate a policy from the one or more knowledge graphs of the further modified and/or augmented data access request.

6. The system according to any one of the preceding claims, comprising a data catalogue repository configured for storing metadata and/or tagging data items incorporated in the data access requests.

7. The system according to claim 1, wherein the compliance engine is configured to manage and monitor authorization of the data access request.

8. The system according to claim 7, wherein the compliance engine is configured to monitor and manage data access of the authorized data access requests.

9. The system according to claim 8, comprising a data access module configured to extract and/or transform data from one or more data sources and represent the same within limitations define by the authorized data access request.

10. The system according to claim 1, comprising a policy repository for storing knowledge graphs of the modified and/or augmented data access request data access requests that been authorized, and their generated recommendations.

11. A computer-implemented data access management method, comprising: receiving data characterizing a data access request; processing the received characterizing data and generating one or more knowledge graphs therefrom; identifying one or more knowledge graphs of previously approved data access requests having similarities with the one or more knowledge graphs generated for said data access request; generating a global knowledge graph, comprising the identified one or more knowledge graphs; determining from said global knowledge graph one or more recommendations for improving probability of approval of the data access request; and modifying and/or augmenting at least one of the one or more knowledge graphs of said data access request based on the generated recommendations, to thereby issue a modified and/or augmented data access request.

12. The method according to claim 11, comprising receiving and processing resolution data indicative of approval or denial of the modified and/or augmented data access request, and generating based thereon recommendation data for further processing of said modified and/or augmented data access request.

13. The method according to claim 12, comprising generating a policy from the one or more knowledge graphs of the modified and/or augmented data access request whenever the resolution data is indicative of approval of said modified and/or augmented data access request.

14. The method according to claim 12, comprising further augmenting and/or modifying the knowledge graphs of the modified and/or augmented data access request according to weights and/or priorities of elements of knowledge graphs included in the global knowledge graph.

15. The method according to claim 14, comprising generating a policy from the one or more knowledge graphs of the further modified and/or augmented data access request.

16. The method according to claim 11, comprising storing metadata and/or tagging data items incorporated in the data access requests in a dedicated repository.

17. The method according to claim 11, comprising managing and monitoring authorization of the data access request.

18. The method according to claim 17, comprising managing data access of the authorized data access requests.

19. The method according to claim 18, comprising extracting and/or transforming data from one or more data sources and representing the same within limitations define by the authorized data access request.

20. The method according to claim 11, comprising storing in a repository knowledge graphs of the modified and/or augmented data access request data access requests that been authorized, and their generated recommendations.