Data Model & Performance Cassandra Pack

We are experts in technologies related to Apache Cassandra, Apache Spark and Apache Kafka distributed systems. With years of experience in the Open Source world, we can guarantee professionality and reliability, thanks to a team of highly qualified experts.

> **Data Model & Performance Cassandra Pack provides an evaluation of the structure of your Apache Cassandra Data Model, implementing a restructuring plan aimed at achieving maximum performance.**

Data Model & Performance Cassandra Pack includes the following steps:

- **Questionnaire**: the experts will provide you with a questionnaire to assess your specific project needs.

- **Meeting**: we will meet online, or in person, in order to discuss your answers and clarify the questionnaire information, where needed.

- **Data Model revision**: we will review your Cassandra schema, based on our data modeling best practice checklist, to highlight any problem and to solve it.

- **Load capacity design**: we will design the load capacity of the system, verifying real performance and efficiency through tests. We will also design the scalability of the system to meet load increase requirements.

- **Project configuration validation**: we will review the detailed test planning to ensure that we have taken all key points correctly into account, and maximize the information generated by tests.

- **Implementation**: we will carry out the planned restructuring in order to achieve the desired services.

- **Test execution**: we will perform the planned test, informing you of any significant changes along the way.

- **Report**: we will share the results about all Data Model review details.

- **Presentation**: after sharing and discussing the report, we will arrange a final meeting online, or in person, with our experts to review the implementation results.

This package is generally implemented in about 2-3 weeks. The period may vary depending on the customer and the use case.

Results

✓ Guidance on how to improve the efficiency of your Cassandra data model, allowing you to save money on future infrastructure.

✓ Data model restructuring to achieve the best performance and to ensure optimal scalability.

✓ System load capacity design.

Costs

To know the costs of this package please contact our [Sales Team](#).