Cloud-based versus On-premises Teradata Vantage Performance Benchmarking

Dimensions:

The paper compares the performance of Teradata Vantage, a big data analytics platform, on cloud-based and on-premises deployment models. The authors conducted experiments on a variety of workloads and analyzed the results to provide insights into the benefits and drawbacks of each deployment model.

Background:

The paper provides an overview of the evolution of big data analytics and the emergence of cloud-based solutions. It also discusses the features and capabilities of Teradata Vantage and the different deployment options available.

Important points:

The authors found that the cloud-based deployment of Teradata Vantage offers benefits in terms of scalability, flexibility, and ease of use, while the on-premises deployment offers benefits in terms of control, security, and performance.

The paper provides a detailed analysis of the experimental results, including charts and tables comparing the performance of the two deployment models for different workloads and data volumes.

The authors also discuss the impact of different factors on performance, such as the size of the data, the complexity of the queries, and the configuration of the system.

The paper includes a discussion of the cost implications of cloud-based and on-premises deployment models, and provides recommendations for organizations looking to optimize their costs while achieving high performance.