

Original ECLIPSE

by analyticLABS

Analytic Labs is pleased to announce the general availability of our “Eclipse” SaaS platform, now on its fifth generation.

Eclipse was created to help companies accomplish three main goals:

1. Get started with data analysis as fast as possible.

Businesses know what analytics they want and shouldn’t have to learn how to implement and support another complex software platform before they get it.

Eclipse onboards clients in under two months.

2. Take downtime out of the picture.

When you rely on deep analytics to run your business, the last thing you want is to lose access to your analytics.

Eclipse can adjust on-the-fly to data source change.

3. Increase value.

We want to delight customers so that they are excited to continually find new business insights not just in their data, but the world's data.

Eclipse maintains a public data source library for our clients to use.

Leveraging the experience of dozens of Business Intelligence and Datawarehouse implementations, Eclipse has encapsulated countless best practices to meet these goals, and the following pages provide a brief overview.

Superior Data Engineering

Eclipse ensures analytics are kept separate from the applications used to generate data, without compromises in functionality on either end. By considering data ingestion, storage, compute, and visualization as part of our architecture rather than as a series of add-on features, we also drive significant performance gains.

Our system uses a columnar database design. Instead of storing data in the traditional tabular form, we model your data as a web of interconnected entities with relationships with one another. While these data objects are not directly visible by customers, access occurs through the processing layer itself. Each set of data objects function as a unique virtual data warehouse with its own independent compute cluster. There are no computing resources shared between any other virtual warehouse or their processes.

As a result, highly refined control exists at the individual process level, allowing performance tuning from data ingestion to visualization. The gains are significant when traditional data warehouse.

Designed for Scale and Speed

Both on-premises and cloud-hosted data are forecast to increase in size and complexity in the coming years, which is why Eclipse can interface with any data source, no matter where you store it.

Eclipse keeps your data “live” and continuously ready for analysis and reporting. It enables complex queries impractical for traditionally architected transactional applications and allows background processing to continually improve the user experience without slowing down your business-critical applications. The platform provides for near-unlimited expansion of data sources with no limits on size.

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Final

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We created Eclipse to help companies accomplish three main goals:

1. Start data analysis as fast as possible.

You know what analytics you want; you shouldn't have to learn, implement, and support another complex software platform before you get them.

Eclipse onboards clients in under eight weeks.

2. Take downtime out of the picture.

When you rely on deep analytics to run your business, the last thing you want is to lose access.

Eclipse adjusts on-the-fly to data source changes.

3. Increase value.

When you invest in analytics for your business, don't rebuild data connections already available.

Eclipse comes with full access to our integrated client library of public and private data sources.

Leveraging the experience of numerous business intelligence and data warehouse implementations, Eclipse has encapsulated countless best practices to meet these goals.

Superior Data Engineering

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Our system uses a columnar database design. Instead of storing data in the traditional tabular form, we model your data as a web of interconnected, interrelated entities, and provide customer access through the processing layer itself.

Each set of data objects functions as a unique, virtual data warehouse with its own independent compute cluster. There are no computing resources shared between any other virtual warehouses or their processes. As a result, highly refined control exists at the individual process level, allowing performance tuning from data ingestion to visualization. The gains are significant over traditional data warehousing.

Scale and Speed

Both on-premises and cloud-hosted data demands are expected to increase in size and complexity in the coming years, which is why Eclipse can interface with any data source, no matter where you store it.

Eclipse keeps your data live—continuously ready for analysis and reporting. It enables complex queries, which are impractical for traditional transactional applications; allows background processing, which continually improves the user experience without slowing down your business-critical applications; and provides for near-unlimited increase in both the number of data sources and the amount of data stored by each source.