BIGBANG

MOLECULE + BIGBANG = DATA INSIGHTS²

Not getting the insights you need from your trading data?
Meet Bigbang - Molecule's answer to your data management challenges.

We've heard you loud and clear - wrestling with complex, time-series data in a cloud environment is about as fun as a black hole. And extracting meaningful insights from your trading data? It might feel like you're trying to decode alien languages.

Enter Bigbang - Molecule's data-lake-as-a-service platform. Bigbang enables you to merge all your trading data from Molecule + other sources into one place, so you can query, analyze, and extract insights from your trading data quickly and easily. As an add-on to the Molecule E/CTRM platform, it gives you all the benefits of multi-tenant, cloud software + direct access to your Molecule data.

UNLOCK A UNIVERSE OF INSIGHTS FROM YOUR MOLECULE DATA

Bigbang empowers you to make sense of your data faster and smarter, freeing you up to focus on what you do best - making strategic decisions about your trade portfolio based on better trade data analytics.

With Bigbang, you'll benefit from:

- Access (and keep) a copy of your data from Molecule, so you can use it however you need

- Near real-time, automated data streaming from Molecule

- Ability to merge data from Molecule with data from your other key systems, such as ERPs, GLs, and SCADA systems

- Quicker, easier data querying and analysis

WHAT YOU CAN DO WITH BIGBANG

- Perform complex, time series-based queries

- Use custom fields in Molecule to map ETRM data to your up- and downstream systems

- Build automated views using dbt, that transform Molecule data the way you think about it

- Connect a SQL editor or BI solution, and go to town

- Connect PowerBI and ask it natural language questions

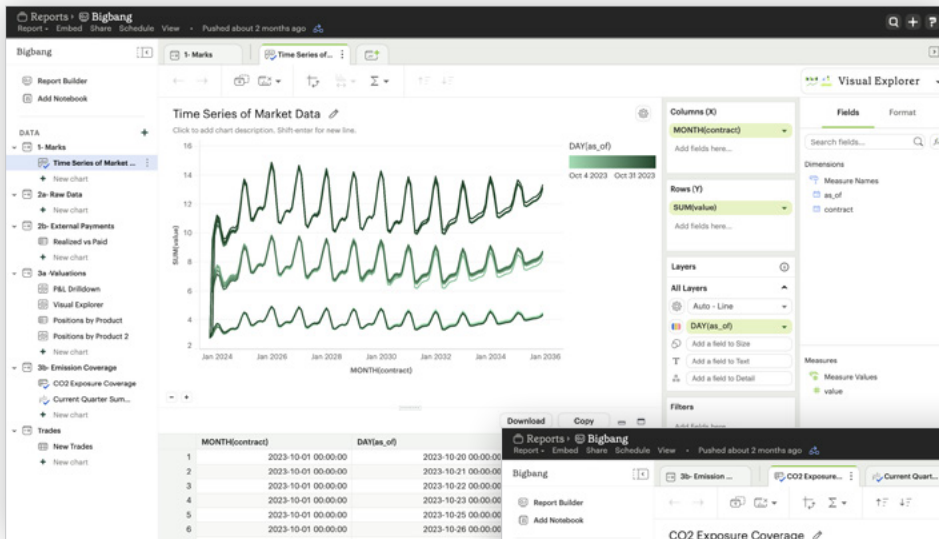**Ready to unlock more value from your trade data?**
Discover more about the power duo of Molecule + Bigbang at molecule.io/bigbang

WHAT TYPES OF REPORTS CAN YOU CREATE USING BIGBANG?

Bigbang empowers you to slice and dice your Molecule data and report on it in a variety of ways in the BI tool of your choice - the possibilities are endless!
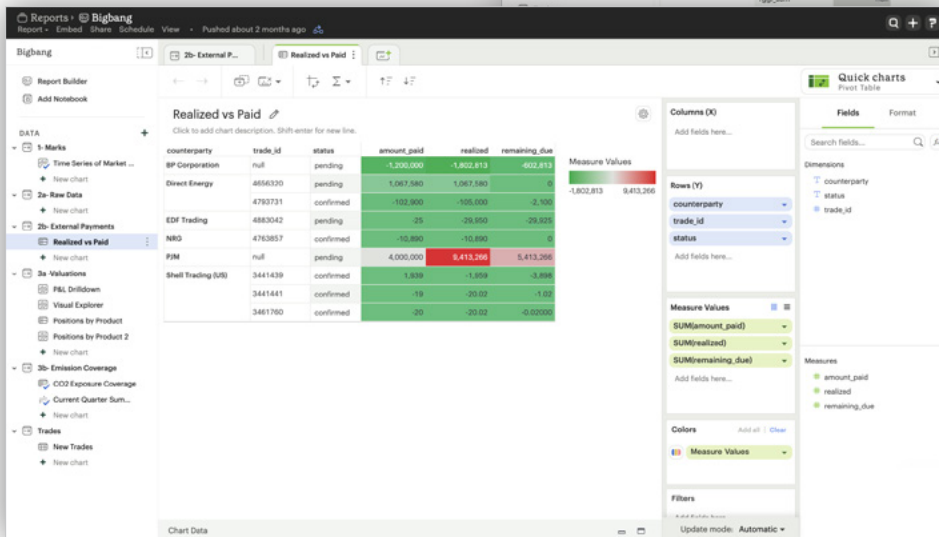
Examples include (but aren't limited to):

- Position Reports
- Counterparty Exposure
- Hedge Coverage

- Asset Performance + Utilization
- PnL Explained
- Time Series Analysis

- Renewable Utilization

Time Series of Market Data
Conduct time series or cross-sectional analysis of application data

CO2 Report
Create ad-hoc calculations to incorporate into reporting

Realized vs Paid
Connect external data sources to supplement analysis.

Reports shown were created using Mode, which is Molecule's system of choice for accessing Bigbang