

Rapidly Integrate Data, Develop Analytics, and Deliver AI Insights without Writing Code



1. Connect

Quickly load data to C3 AI® Ex Machina from numerous datastores (Databricks, CSV, Salesforce, etc.)



2. Prepare

Discover, cleanse, enrich, and validate your data, making it ready for analysis



3. Visualize

Visualize data at any step in your workflow to understand data formats, completeness, and accuracy



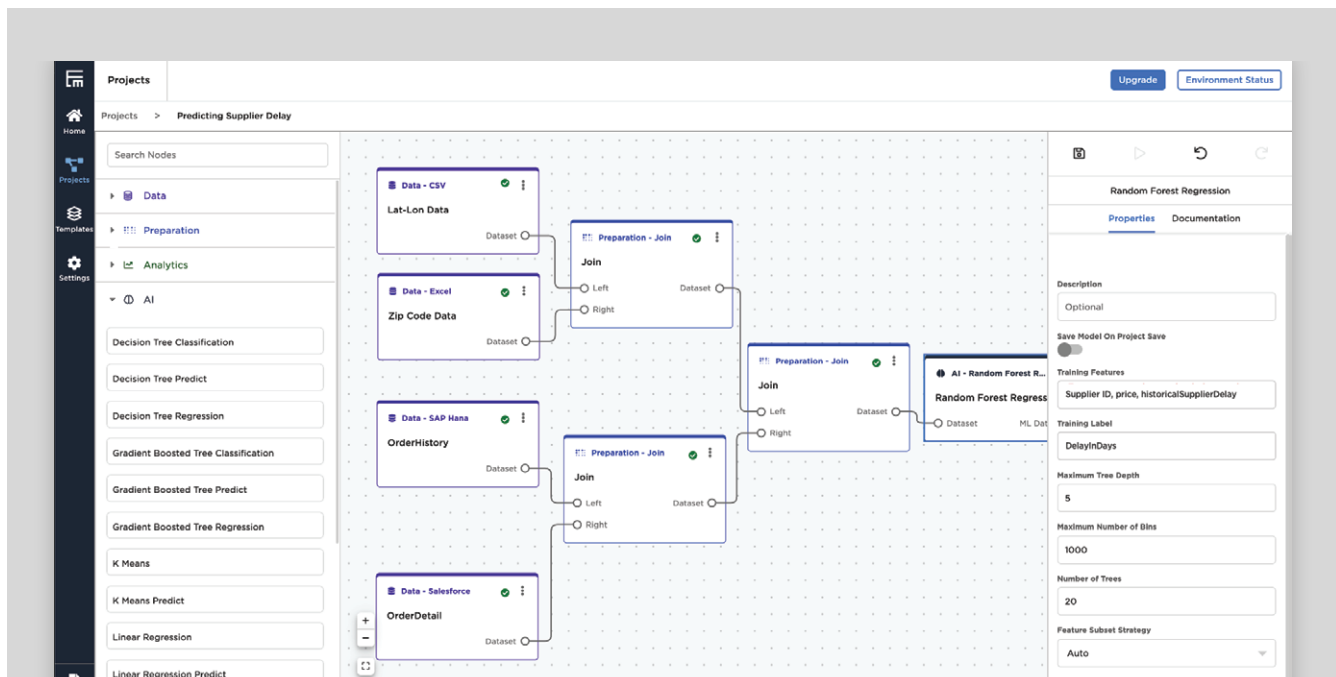
4. Analyze

Build analytic pipelines; train machine learning algorithms to make predictions



5. Operationalize

Share insights broadly using C3 AI Ex Machina's cloud infrastructure; write results to production applications



C3 AI Ex Machina allows business analysts, data analysts, and data scientists to rapidly develop advanced analytics on the entire big data set using a drag and drop interface:

- Connect to common enterprise and operational datastores
- Quickly prepare and blend data without writing code
- Visualize data at any step in your workflow
- Analyze data using machine learning and AI algorithms and develop new insights
- Operationalize insights using cloud-scale



Ex Machina gives us a transparent view of our analytics workflow, allowing analysts to collaborate and enhancing productivity.”

Amy

*Customer Engagement Strategy,
Large U.S. Power Utility*

Feature Summary

Connect to common enterprise and operational datastores

- File Systems: HDFS, S3, Azure Data Lake
- File Sharing Systems: Box
- Enterprise and Operational Systems: Databricks, Salesforce, Snowflake, SAP Hana
- Integration Services: Weather Data
- File Types: CSV (delimited), XLSX
- C3 AI Suite model-driven architecture

Prepare and blend data without writing code

- Data Wrangling: Rename columns, sort columns, column field type converter, etc.
- Data Preparation: Join, merge, limit, shift, filter by SQL, split by randomness, etc.
- Timeseries: Adjust timeseries, normalize timeseries, rolling window, etc.
- Math Operations: Group by, pivot, etc.

Analyze data using a machine learning or AI pipeline and test the prediction performance of various algorithms

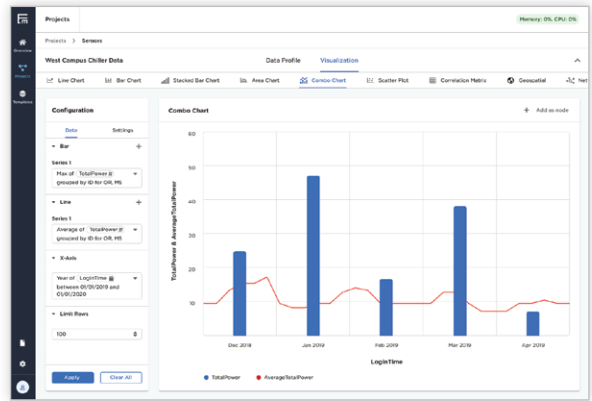
- Clustering Algorithms: KMeans and Gaussian Mixture Model
- Classification Algorithms: Logistic Regression, Decision Tree, Gradient Boosted Tree, and Random Forest
- Regression Algorithms: Linear Regression, Gradient Boosted Tree, and Principal Component Analysis

Operationalize insights using cloud-scale

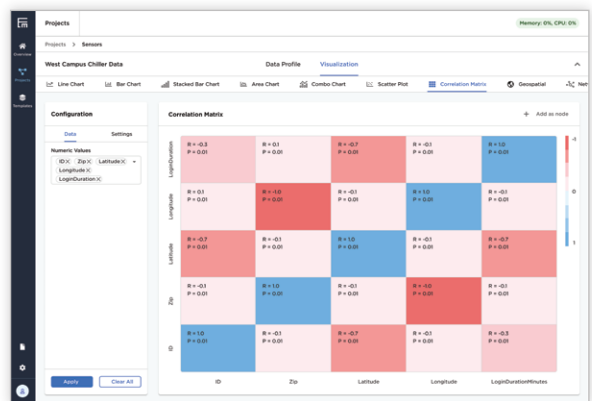
- Export results to file systems, integration services, or enterprise systems via prebuilt connectors
- Scale resources up or down as needed
- Schedule C3 AI Ex Machina projects to execute on a regular basis
- Collaborate on C3 AI Ex Machina projects with teammates

In summary, the benefits of C3 AI Ex Machina include:

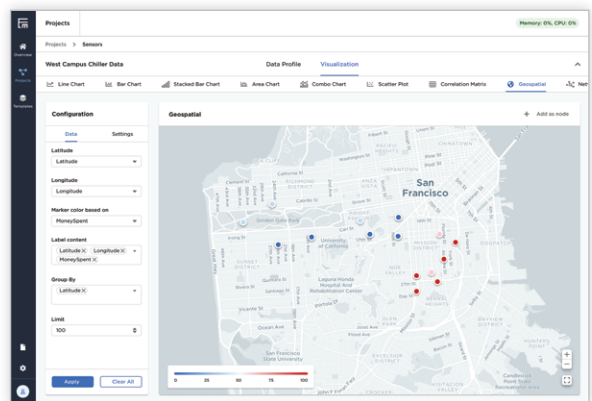
- A powerful, scalable, intuitive solution that processes large datasets in-memory and enhances analyst productivity.
- Ability to unlock new insights across disparate data sources through prebuilt connectors.
- Faster collaboration enabled by C3 AI Ex Machina's cloud architecture.
- A production-ready, proven, secure solution that is trusted by C3 AI Suite customers.



Visualize your data with a bar or line chart



Visualize your data with a correlation matrix



Visualize your data with a geospatial visualization

