Redefining Data-Driven Intelligence with the Kepler™ platform.

No Machine Learning experience required.

Stradigi AI’s platform, Kepler, combines advanced Machine Learning (ML) — including Deep Learning — with intuitive design, all within a framework engineered to help you scale AI across your business. The Kepler platform can be used by everyone, no ML experience required.

Solve high-impact use cases across multiple industries and lines of business with the Kepler platform.

With the Kepler platform, all it takes is data and a high-impact use case to start addressing your critical business problems so you can seize new opportunities — and outgrow your competition.

Remove the barrier of entry to ML
Make machine learning part of your day-to-day. Leverage powerful machine learning workflows that augment your performance and streamline your efforts, no previous ML experience required.

Get more from your data
The Kepler platform ingests unstructured and structured data across multiple formats, including text, tabular, and image, so that you can gain a more complete picture of your business, and solve more problems, quickly.

Collaborate cross-functionally
The Kepler platform multi-user collaboration enables you to collaborate with ease. Loop in key stakeholders as models are built, analyzed, and deployed, and easily share results with comprehensive, shareable dashboards.

Trust your results
Get a clear picture of your model with multiple ways to interpret your results. Analyze through individual data points or across the entire data set with highly visual explainability dashboards.

Produce AI models with ease
Move your data projects from ideation to production dramatically faster than conventional methods. Kepler automates the manual and technical aspects of ML and AI so you don’t have to do the work.

Generate hundreds of solutions
The Kepler platform includes 8 powerful Automated Data Science Workflows that address hundreds of use cases across every business area. Kepler will help you save costs, generate revenue, and gain efficiencies.
What can the Kepler platform do for your business?

The Kepler platform enables your business to bring ROI-driven AI and machine learning projects to market faster with your existing teams and technological investments.

Predict and Forecast

Add powerful prediction capabilities to your business, enabling proactive optimization of hundreds of business-critical activities.

Typical Business Use Cases:
- Demand Forecasting
- Churn Prediction
- Customer Lifetime Value Prediction
- Price Forecasting
- User Intent Prediction
- Workforce Planning

Analyze and Understand

Get new insights from your data, and develop a better understanding of what drives results in your business.

Typical Business Use Cases:
- Marketing and Sales Attribution
- Customer Segmentation
- Sentiment Analysis
- Anomaly Detection
- Marketing Spend Optimization
- Sales Activation Optimization

Personalize and Optimize

Build meaningful customized experiences for your customers, improving engagement and increasing customer conversion.

Typical Business Use Cases:
- Session / UX Optimization
- Content Recommendations
- Product Recommendations
- Assortment Optimization
- Product Bundling
The Kepler platform goes beyond AutoML.

The Kepler platform’s Automated Data Science Workflows are designed to truly remove the barriers to entry to classical machine learning and deep learning. Kepler makes ML accessible to any user, no experience required.

Automated Data Science Workflows

The Kepler platform automates the end-to-end machine learning process, to bridge the gap between your data and your results. The Automated Data Science Workflows handle the key technical steps that exist across the machine learning process, from data ingestion to model deployment.

Automated Feature Engineering
Automatically creates, tests and improves features within your data to optimize model performance and accuracy.

Advanced Deep Learning
The Kepler platform deep learning algorithms enable you to leverage your unstructured data, including text and images, and solve more problems.

Hyperparameter Optimization
Automatically selects, tests, and evaluates multiple hyperparameters on multiple models and selects the best configuration for your results.

Continual Optimization
The classical machine learning and deep learning algorithms within Kepler’s workflows are constantly updated by Stradigi AI’s world class researchers and data scientists.

Our Automated Data Science Workflows Solve Hundreds of Problems

Regression
Tabular Classification
Text Classification
Image Classification
Clustering
Recommender
Anomaly Detection
Forecasting

*larger spheres below correspond to automated tasks that would require intensive time and expertise from a user outside of Kepler.

sales@stradigi.ai | 514.395.9018
Stradigi AI is an Artificial Intelligence software company that enables organizations to bring business-accelerating AI to fruition, quickly. Its Machine Learning (ML) platform, Kepler, alleviates the AI talent gap by empowering any type of user with access to intuitive Automated Data Science Workflows, built to generate results for pertinent use cases across the business stack, with no ML experience required. The Kepler platform allows users to extract key insights from their data to improve customer experience, grow revenue, and gain efficiencies across multiple industries including CPG, retail, manufacturing, financial services, logistics, and more.

**Technical Information**

**Algorithms**

**Tabular**
- XGBoost
- RandomForestRegressor
- Linear Regression
- FCNN
- IDCNN
- Exponential Smoothing (Holt-Winters and variants)
- Autoregressive models
- ElasticNet

**(ARMA, ARIMA, SARIMAX)**
- KMeans
- MiniBatchKMeans
- Agglomerative
- Spectral Clustering
- SVD
- k-NN (K-Nearest Neighbors)
- HDBSCAN
- KNeighborsRegressor
- Logistic Regression
- RandomForestClassifier
- DBSCAN
- Scikit-Learn
- Keras
- OpenCV
- Spacy
- Dask

**Text**
- FCNN
- IDCNN
- RNN (GRU and LSTM)

**Images**
- 2DCNN
- ResNet50
- VGG16
- UNET

**Data**

**Formats**
- **Tabular** - CSV, SQL
- **Image** - PNG, JPG
- **Text Files** - CSV

**Inputs**
- Local / Network
- Drag-and-drop

**SQL**
- MySQL, MS SQL, Postgres

**Cloud**
- Amazon S3, Azure Blob Storage

**Kepler Rest API**
Data input for inference from your preferred data source via API

**Data Science Libraries**
- Pandas
- Numpy
- TensorFlow
- Keras
- Scikit-Learn
- OpenCV
- Spacy
- Dask

**System Requirements**

**Screen Resolution**
- 1200 x 960

**Browser**
- Edge, Chrome, FireFox, Safari
- Support for tablets

**Operating System**
- Linux, MacOS, Windows

**Integration**

**Kepler Rest API**
Enables the integration of your models within your system of choice.

**About Stradigi AI**

Stradigi AI is an Artificial Intelligence software company that enables organizations to bring business-accelerating AI to fruition, quickly. Its Machine Learning (ML) platform, Kepler, alleviates the AI talent gap by empowering any type of user with access to intuitive Automated Data Science Workflows, built to generate results for pertinent use cases across the business stack, with no ML experience required. The Kepler platform allows users to extract key insights from their data to improve customer experience, grow revenue, and gain efficiencies across multiple industries including CPG, retail, manufacturing, financial services, logistics, and more.

**Contact Us**
514–395–9018
sales@stradigi.ai

**Support**
Telephone and email support
Monday — Friday | 9am to 5pm EST
1-888-689-1995
support@stradigi.ai