Interpretable AI

TURN DATA INTO TRUSTED ACTION

State-of-the-art analytics solutions that are not black boxes
A driverless car is involved in an accident with loss of life.

- Who is at fault?
- Can society tolerate not understanding?

- A student is not selected for freshman admissions.
  - Is it an adequate response that an algorithm made the decision?
Our interpretable solutions produce performance gains at each step of the analytics lifecycle

Data cleaning
- Optimal Impute
- Automatic data QA

Predictive tasks
- Optimal Decision Trees
- Holistic Regression

Prescriptive decision making
- Optimal Prescriptive Trees
- Optimal Data-Driven Prescription

Each module based on years of MIT research

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Current Customers

- Real-time malware detection for cybersecurity
- Assortment planning with many global retail partners
- Risk scoring for banking and insurance
- Quality control for automotive manufacturing
- Surgical risk calculator at major hospitals
- Exceptional responders for major pharmaceuticals
- Personalized product recommendation for retail banking
- Marketing strategy for investment fund managers
- Automated data quality pipeline for insurance

Looking for additional partners to build and improve the trust in their data-driven decision making