Interpretable AI

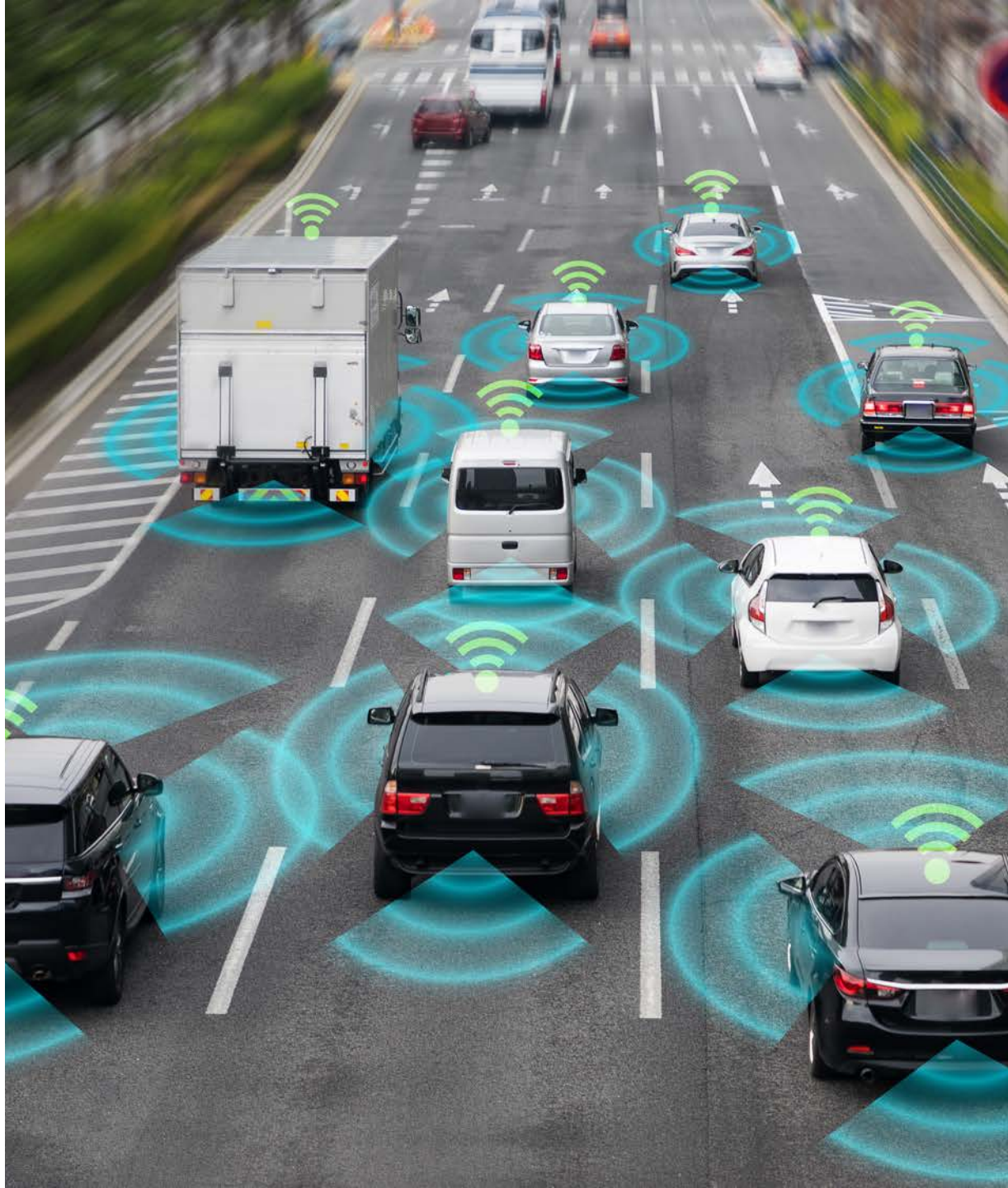
TURN DATA INTO TRUSTED ACTION

State-of-the-art analytics solutions that are not black boxes

A driverless car is involved in an accident with loss of life.

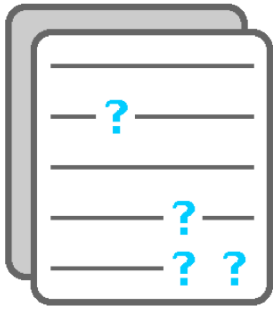
- Who is at fault?
- Can society tolerate not understanding?

- 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

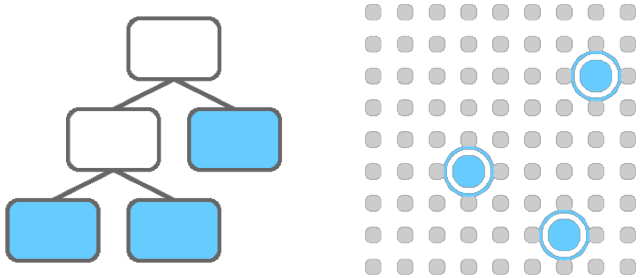
Data cleaning



Optimal Impute

Automatic data QA

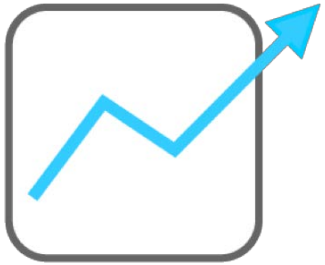
Predictive tasks



Optimal Decision Trees

Holistic Regression

Prescriptive decision making



Optimal Prescriptive Trees

Optimal Data-Driven Prescription

Each module based on years of MIT research

info@interpretable.ai

Interpretable AI

Current Customers

Real-time malware detection for **cybersecurity**

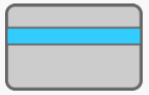
Quality control for **automotive manufacturing**

Personalized product recommendation for **retail banking**

Assortment planning with many global **retail** partners

Surgical risk calculator at **major hospitals**

Marketing strategy for **investment fund managers**



Risk scoring for **banking** and **insurance**

Exceptional responders for major **pharmaceuticals**

Automated data quality pipeline for **insurance**

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

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