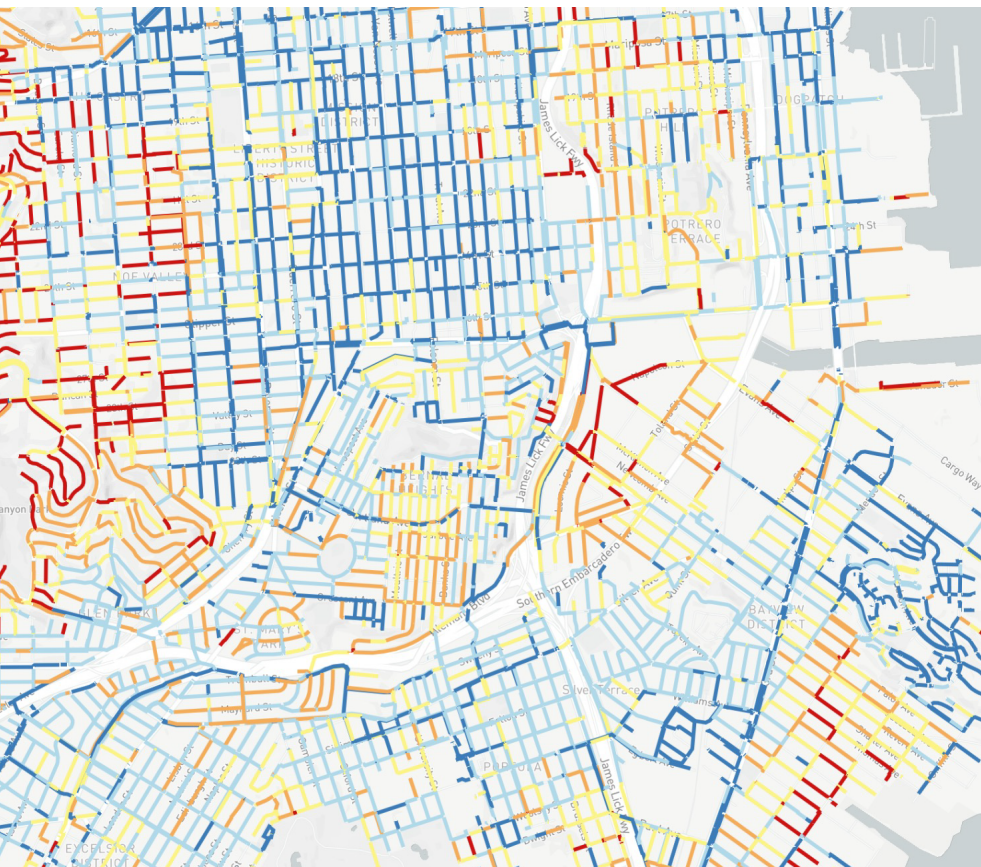# FRACTA KURITA

PREDICT LEAKS AND PIPE FAILURES BEFORE THEY HAPPEN WITHOUT DIGGING IN THE GROUND

Aging drinking water mains are facing an increasing number of failures leading to service interruptions, higher operating costs, and non-revenue water loss.

Harness the power of Artificial Intelligence (AI) to rapidly identify weaknesses in water pipe systems and improve the overall reliability of your network at a fraction of the cost.

Fracta Likelihood of Failure Map
Condition assessments utilizing more than 150 unique data features for each pipe segment produce LoF value (%) for each pipe

GET STATE OF THE ART LIKELIHOOD OF FAILURE (LOF) ASSESSMENTS IN REAL TIME

Advanced algorithms determine likelihood of failure (LOF) using statistical models to determine the possibility a specific water main will fail. By leveraging your existing 1st party utility data with hundreds of external variables, **we are able to outperform standard age based models by 200%.**

◎ HOW ACCURATE IS FRACTA?

SUEZ identified that Fracta's AI detected 2X the number of breaks in comparison to a multi-criteria model. SUEZ is expecting to save nearly $5M across 7 systems from Fracta's predictions.
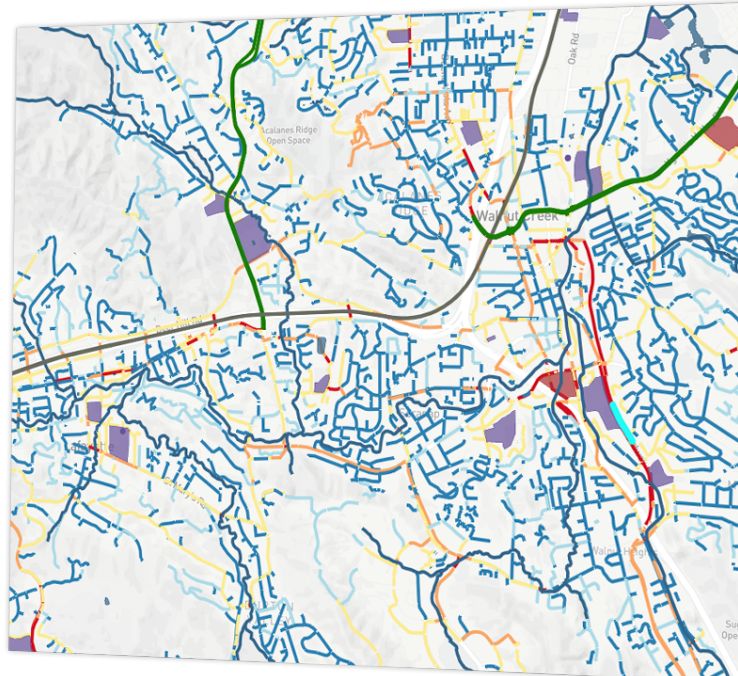
FORECAST FINANCIAL RISKS WITH MACHINE LEARNING

Fracta provides a unique consequence of failure (COF) tool and goes one step further by providing a calculated local business risk exposure (BRE) analysis in real time for your entire water distribution system. This enables water engineers, planners and finance professionals better data they can use to make fast, accurate and capital-efficient decisions.

Support your existing condition assessment by using our objective, data-driven approach, which satisfies the GASB34 requirements, leading to better outcomes in your water network. Fracta's advanced data calculations help prioritize urgent repairs, identify unnecessary ones, and supports the allocation of additional budget requirements to improve the integrity of your infrastructure.

FRACTA PLATFORM BENEFITS

- Concierge Data Clean Service
- A.I. Likelihood of Failure Prediction
- Customizable COF Forecasting
- Identify Business Risk Exposure
- Automatic Leak Detection
- Budget & Funding Justification
- Industry-leading Customer Service
- No hardware or software implementation and more!

Fracta COF/BRE Analysis
Identify and customize COF and BRE for your entire underground water network in seconds.

> "Fracta's added information provides valuable information to Public Works staff as they work to prevent water main breaks as quickly and efficiently as possible"
>
> *Director of Public Works, Skokie, Illinois*

REDUCE WATER MAIN BREAKS • **SAVE MILLIONS IN REPAIR COSTS** • **PINPOINT LEAKY PIPES**