

# **Build on Your Existing Data Science Capabilites**

Our **Data Science Acceleration Team** (DSAT) 2.5 is great for any business looking to ramp up their data capabilities. A DSAT 2.5 package comes equipped with a team of interchangeable specialists fitted to your needs. To optimize your engagement outcomes, a mix of data scientists, engineers, developers and the project lead will work the equivalent of two and a half full time resources. Whether you are a small startup with no data science team or a multi-billion dollar financial institution with more projects than the bandwidth you have to support, DSAT 2.5 can help move you forward.

## Easy & Fast

Get started ASAP. Just sign up for a team and we are sitting next to you, rolling up our sleeves, and making progress.

## Customizable

We know that your needs can change
— specialists swap in and out as
needed for different aspects
of the solution.

## **Low Risk**

Did we mention that you can try for 3 months at a discounted rate? No obligation and you can choose to terminate at anytime.

## **Domain Expertise**

25+ years of experience in banking, insurance, and retail — giving us the right mix of skill and knowledge to tackle even the toughest problems.

## **Our Approach Consists of Three Pillars**



## **Full Stream Analytics**

**Upstream:** We give attention to data collection, cleanliness, timeliness, and augmentation.

Midstream: We factor in maintainability, explainability, and credibility.

**Downstream:** We consider how insights are visualized, explained, measured, and integrated with operational systems to drive intelligent actions.



## Fluid Roadmaps

We help develop tactical plans that align with, and inform, an organization's strategic goals, identify and quantify the gaps between these goals and their capabilities and then prioritize and sequence opportunities based on these factors while maintaining the flexibility to pivot and adapt to changing needs over time.



## **Augmented Analytics Capabilities**

We expand organizational capacity by supplementing internal resources, skills and experience to provide rapid augmentation as needed while fostering interal growth of an organizations data capabilities, knowledge, infrastructure, processes, and human capital through training and recruitment.



## **An Experienced Industry Partner**

Fulcrum is known for our 26 year history as a boutique data science consulting firm, but our success is built on a broader approach and vision. We collaborate with clients to accelerate their use of data and advanced analytics, build their organizational capacity for data-driven decision making, and push the frontiers of what's possible within their organization.

### **We Work Across Industries**



### Healthcare

We've achieved big wins through text mining, fraud detection models, customized dashboard reporting, and predictive analytics.



### **Financial Services**

We've solved the toughest problems through methods such as predictie model building and dashboard implementation.



#### **Insurance**

We dig deep into their pricing insurance policy renewals through our intuitive and collaborative app ClearGrade.



### Grocery

We help clients put valuable assets to work to improve pricing, promotionn, and B2C communications to increase profitability.



### Retail

We generate insights across products/promos, summarize sales and profit data, and maximize profits.

## We Provide Our Clients With

- Strategy development
- Data assessment
- Data augmentation, integration, and maintenance
- Predictive modeling and statistical inference
- Supervised deep learning with neural networks
- Generalized linear models
- Machine learning modeling
- Cluster analysis
- Principal component analysis
- Classification models
- Data visualization
- Time series modeling
- Risk analytics

- Loss driver analysis
- Unstructured data mining
- Big data programming
- Data anomaly detection
- Management dashboards
- Recommendation systems
- Website analytics



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