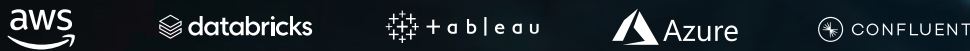# DataSurge

Corporate Capabilities

Data Surge is an 8(a) woman-owned small business (WOSB) delivering robust, reliable, and innovative enterprise-grade solutions to complex data problems and software applications.

We do this by working as an extension of your team, applying the power of AI and ML, and using best-in-class software development methodologies (e.g. Agile, Scrum) to accelerate your time-to-value.

SBA U.S Small Business Administration **8(a) CERTIFIED**

SBA U.S Small Business Administration **WOSB CERTIFIED**

GSA CONTRACT HOLDER

OUR PARTNERSHIPS/EXPERTISE:

aws   databricks   +ableau   Azure   CONFLUENT

CORE COMPETENCIES

Enterprise Data Platform

- Architecture
- Big data design & architecture
- Data security & privacy
- Data integration/migration
- Data governance
- Real-time streaming analytics
- Big data processing & analytics
- Data management services
- Business intelligence & visualizations

Operations & Administration

- DevOps
- MLOps
- Cloud administration

Data Science

- Data mining & analytics
- Algorithm development
- Continuous model training & delivery
- Machine learning & Artificial intelligence
- Deep learning
- Computer vision
- Large language models & Natural language processing
- Graph analytics
- Person-centric entity resolution

DevSecOps

- Business analysis
- Agile development
- Full-stack development
- Open source and proprietary technologies
- Microservices architecture
- Test-driven development
- Cloud-native application development

Cloud Development

- Amazon Web Services (AWS)
- Google Cloud
- Microsoft Azure
- Databricks

NAICS CODES

518210	Data processing, hosting, & related services
541511	Custom computer programming services
541512	Computer systems design services
611420	Computer training
541618	Other management consulting services
541690	Scientific & technical consulting services
541990	All other professional, scientific, & technical services
541611	Administrative & general management consulting services

KEY DIFFERENTIATORS

Hands-on real-world expertise with advanced technologies and analytics

Delivering machine learning models to production using MLOps and Data Engineering best practices

Business centric approach – focus on unlocking business value

Using Agile and eXtreme programming methodologies to provide predictable and transparent development

OUR KEY CUSTOMERS:

"Data Surge was instrumental in building our next-generation data solution. They quickly assessed our current landscape and recommended strategies that enabled us to scale while reducing our infrastructure costs."

U.S. Citizenship and Immigration Services

STATE OF CALIFORNIA DMV Department of Motor Vehicles

California Department of AGING

UNITED STATES NAVY

U.S. SECURITIES AND EXCHANGE COMMISSION MCMXXXIV

DataSurge

Modernize
Democratize
Transform

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