



Aubrey McAuliffe  
Managing Director  
asmcauliffe@argot-nova.com  
(703)447-7152 Office

Argot Nova is a Veteran-owned, Woman-owned small business that connects an idea with the right data, builds the right model, and turns it into a tailor-made data product with a user-friendly front end. With diverse experiences from commercial, government, and non-profit realms, we find open-minded approaches to data and analysis challenges. Argot Nova fixes existing data architectures and also builds new ones, utilizing the best constellation of cloud and local methodology, open-source technology, lean and matrixed teams to build accessible and democratic data solutions.

## CORE COMPETENCIES

- Data Science and AI/Machine Learning
- Forecasting and Statistical Modeling
- Geospatial Modeling and Analysis
- Full-Stack Development (Google Earth Engine, R Shiny, Python Flask, React)
- Cloud Migration, Data Architecture, and Engineering (AWS, GCP)
- Data Visualizations and Dashboards
- Web Analytics

## DIFFERENTIATORS

- We build creative and pragmatic solutions to meet a variety of budget and system constraints
- We're experienced working with a wide variety of data, including data at large volume, in Amazon Web Services and Google Cloud Platform
- We run a lean team with little waste or overhead
- Not a staffing firm – we are small and the customer always gets our “A Team”
- We're proud generalists and can handle large-scale data, AI/ML, and software projects from inception through delivery and maintenance
- We never forget about the user experience and it shows in our easy-to-use tools that non-technical audiences love

## COMPANY DATA

### Company History

Founded in 2021, Argot Nova thrives in challenging projects that make an impact for good as well as the opportunity to utilize a wide variety of skills and tech stacks, including full-stack development, cloud infrastructure, IT consulting, AI/ML, and Data Engineering.

<https://www.argot-nova.com>

- NAIC : 541512, 541511, 541690, 541519, 541930
- WOSB, VOSB
- NAICS (all)
- CAGE: 870E3
- UEI: E7J2N4CLWVP9
- DUNS: 117974095

## RECENT PERFORMANCE

### Mercy Corps, Middle East Regional Crisis

**Analytics.** \$110,000, May 2024 – May 2025. Middle East Anticipatory Climate Action Model (MEACAM): An early warning platform predicting flash flooding and drought in Iraq, Syria, and Yemen, integrating innovative radar-based flood forecasts and precise drought predictions based on NDVI analysis. Contact: Alex Harper, Middle East Regional Conflict Analytics Program Manager, [aharper@mercycorps.org](mailto:aharper@mercycorps.org)

**United Nations, International Organization for Migration, with Mercy Corps.** \$30,000, Dec 2023 – Feb 2024, Developed pipelines and microservices infrastructure as well as an application to track and distribute IOM migration data for internally displaced persons within Lebanon as well as related bombing and conflict events. Contact: Elie Yaacoub, Lebanon Crisis Analysis Country Lead, [elyaacoub@mercycorps.org](mailto:elyaacoub@mercycorps.org)

**Life Chapel.** \$3,500, July 2024 – December 2024, Migration of Life Chapel's Wordpress site to Amazon Web Services, setting up Search Engine Optimization and web analytics. Contact: Olivia Smiley, Youth Pastor / Administrator, [osmiley@lifechapelonline.com](mailto:osmiley@lifechapelonline.com)

### Mercy Corps, Lebanon Crisis Analysis Team.

\$55,000, October 2022 – Feb 2025. LCAT-DAH (Lebanon Crisis Analytics Team – Data Analysis Hub): Developed and maintains this interactive online dashboard, which provides the only publicly available market price and CPI forecasts for Lebanon, along with unique visualizations of macroeconomic indicators and an interactive map of LCAT's Economic Vulnerability Score. These tools have been used by the World Food Programme's Early Warning Analytical Group and guided Mercy Corps' EU-funded multipurpose cash assistance efforts at the municipal level. Contact: Michael Chohaney, Regional Quantitative Advisor, [mchohaney@mercycorps.com](mailto:mchohaney@mercycorps.com)