

Implementation and Support of Labor's Advanced Statistical Analysis and Research (LASAR) Platform at Department of Labor (DOL)



Area of Services

- Design Architecture
- Systems Development
- Integration Support & Deployment
- Support & Maintenance

Technology Support

- AI capabilities including Machine Learning (ML), Natural Language Processing (NLP)
- Data Analytics and Data Visualization
- Python, R

Accomplishments

- The AI capability provides for automation of feature selection, model evaluation and validation.
- Eliminated repetitive and tedious tasks in AI/ML, enabling much more productive use of Data Scientists' time and capabilities.

Innovative Solutions

Business Consulting || Disruptive Technologies || Cloud Enablement || IoT || AI & ML || Mobility

Diverse Clientele

Service Federal, State & Commercial Clients across Health Care, Oil & Gas, Financial Services and Education Sectors

This was a contract to provide a variety of services such as architecture, verification, infrastructure, networking, computing and engineering systems integration, and support services.

NetVision Resources (NVR) supported Synergy at the Department of Labor (DOL) as a subcontractor. Our consultants were part of team that had full lifecycle Implementation and support responsibility for LASAR (Labor's Advanced Statistical Analysis & Research) Platform. The platform provides for Data Scientists and Analysts to rapidly ingest and/or cleanse data to produce quality training data sets, and generate and evaluate Supervised and Unsupervised learning models on a variety of problem domains relevant to DOL.

In addition to providing powerful Machine Learning & Artificial Intelligence (AI) capabilities to support Analytics, the platform was designed to provide significant capabilities around descriptive and exploratory Data Analytics through the use of powerful Statistical, Data Mining, and Data Visualization tools.

For over 20 years, NetVision Resources Inc. has been a driving force of change with a singular focus to make a significant difference for our clients, country, and society through our IT, Staffing and Managed Solutions.

At NetVision Resources Inc., we strive to tackle the toughest challenges and help our Federal Government and Commercial Enterprise clients make a lasting impact.

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