

SYSTEMS AND TECHNOLOGY GROUP

Analytics and Statistical Solutions



Bowhead is a proven provider of industry best statistical, mathematical, and computational support to Department of Defense and Federal Government.

Bowhead is a Small Business Administration-certified 8(a) Alaska Native Corporation (ANC). As a small disadvantaged business (SDB) and 8(a), Bowhead is eligible for Direct Award Contracts (DAC). We hold a Top Secret facilities clearance and provides a DCAA/DCMA audited accounting system.

The mission of Bowhead's Analytical and Statistical Solutions division is to provide services and design products that utilize Statistics in combination with the most advanced tools and technologies and provide data driven solutions for planning and decision-making. Our business philosophy is based on integrity and delivery of the highest quality services and products that add value to our customers' organizations.

ANALYTICS AND STATISTICS SUPPORT SERVICES

The Bowhead Analytics and Statistics Support Services team of advanced level statisticians have expertise in providing solutions to problems that organizations face from the data collection stage to decision making. The team tailors sample survey methods to specific scenarios, as well as assuring quality data is deliverable for sound decision-making. Our statisticians offer reliable data driven solutions by applying advanced statistical and mathematical tools. Developing models for predictive purposes is a premier skill used to aid managers who need to plan for uncertainties. Bowhead statisticians are adept in using state-of-the-art visual analytics and Geospatial Information Systems tools to develop tailor-made dashboards.

CAPABILITIES

- Sample Survey Solutions
- Sample Design Solutions
- Data Collection
- Data Compilation
- Statistical Analysis
- Visual Analytics
- Computer Programming
- Data Modernization
- Data Analytics
- Mathematical Modeling
- Statistical Modeling
- Data Modeling

CERTIFICATIONS

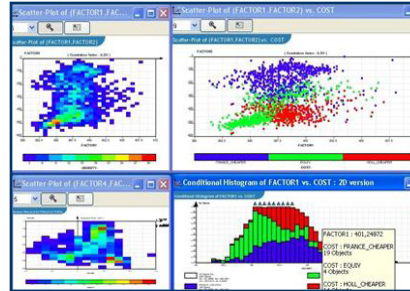
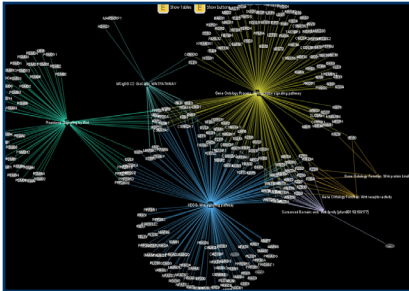
- CMMI Level III Appraised (Services and Software)
- ISO 9001:2008 Registered
- ISO 2000-1 Certification
- Certified Business Continuity Vendor and ITAR — International Traffic in Arms Regulation Export License



SPECTRUM OF SERVICES

Bowhead's Analytics and Statistical Solutions statisticians use top-notch applications and platforms to conduct descriptive data analysis, exploratory data analysis, data mining, univariate and multivariate statistical analyses of the data ranging from experimental data to sample survey data to large databases.

We perform statistical analyses of the data to determine usability and relevance of data, as well as to understand which data models are most efficient for reliable prediction and forecasting. We also provide summaries and statistics that can serve as benchmarks for future performance. Last but not least, we produce excellent dashboards for our clients which point them in the direction of success.



EXPERIENCE

- U.S. Department of Transportation
- National Highway Traffic Safety Administration
- Support to the National Center for Statistics and Analysis
- Data Mining, Data Modernization, Data Analytics

CONTACTS

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ANALYTICS AND STATISTICAL SOLUTIONS SUPPORT SERVICES

- Bowhead's Analytics and Statistical Solutions team is a Professional Services and High Technology firm which offers a broad spectrum of services.
- Bowhead provides analytical solutions by using a variety of state-of-the-art tools ranging from data analytics and mathematical/statistical modeling to sample survey methods and data mining.
- Comprehensive Statistical Analysis System (SAS) programming services and support in analyzing data and reporting trends and patterns in the data.