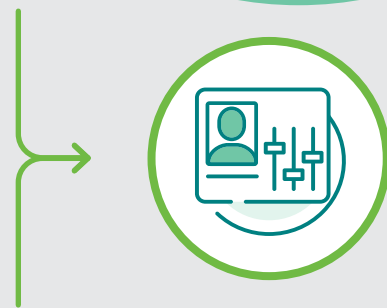![Nelnet logo]

TECHNOLOGY SERVICES

Data Analytics

Unleashing Untapped Business Potential Within Your Data

Many businesses collect vast amounts of data yet lack the necessary resources to analyze it. By harnessing the power of data analytics, you can make informed decisions, enhance customer experiences, and mitigate risks.

How We Help

Nelnet's data specialists provide insights into your business through data architecture, modeling, data science, dashboards, and reporting to help you better serve your customers.

✓ **End-to-End** | Nelnet's Technologists implement and deliver projects through every step of the business intelligence process, while seamlessly integrating with other platforms and systems.

✓ **Diverse Data Experience** | Harnessing established methodologies, advanced tools, and industry best practices, Nelnet data analysts provide valuable findings on projects of all sizes supporting various industries.

✓ **Customizable Solutions** | Discover how we create flexible and highly customizable solutions and products that are tailored to meet your specific needs.

Who We Are

Our IT associates have over 40 years focusing on technology delivery, delivering results, and filling gaps in staff services for our clients with diverse technical needs. We are highly proficient in data management and business intelligence, with experience in technical architecture, data architecture, data management, business intelligence development, data analysis, and all phases of testing, troubleshooting, and client support. Our experienced technologists exemplify trust by working with clients in a variety of highly regulated industries.

nelnetinc.com/Technology-Services

Our Services

DATA SOLUTIONS

Harness the power of data with our comprehensive services, including data architecture and engineering, custom data pipeline development, API integration, purpose-built database design for analytics, and data cleansing.

ADVANCED ANALYTICS

Gain a competitive edge by leveraging advanced techniques like statistical analysis, quantitative analysis, financial and resource-based analysis, text mining, and time series analysis. Extract valuable insights and predictions to make data-informed decisions that drive success.

DATA VISUALIZATION

Create immersive dashboards and reports that allow users to dynamically map, filter, drill down, and slice data sets in a visual format. Additionally, we provide hosting and deployment solutions for online dashboards, enabling businesses to communicate effectively and explore their data.

CUSTOM PREDICTIVE MODELING

Utilizing cutting-edge methodologies like machine learning, neural nets, and random forest, we develop models tailored to your needs. Our services span the full suite of model development, from design to implementation. This includes key modeling steps such as feature selection and engineering, benchmarking, validation, and performance monitoring.

GENERATIVE AI AND LARGE LANGUAGE MODELS

Experience the full potential of generative AI and large language models with our end-to-end solutions. We have rapidly built expertise using the latest models and open-source tools (eg-Langchain, HuggingFace). Our teams are able to create custom/proprietary LLMs, integrate solutions into an API framework, or design GenAI enabled solutions.

PROGRAMMATIC PROCESS AUTOMATION

Streamline resource-intensive processes with our Python-based automation solutions. We offer detailed process mapping and solutions, enabling increased efficiency and productivity throughout your operations.

Partner with Us

By embracing data analytics, we serve our customers by empowering their business data.

With the #1 core value of creating superior customer experiences, our Nelnet data analytics team is here to serve you and your customers. Read more about our Data Analytics Services and how partnering with us can help transform your business.

nelnetinc.com/Data-Analytics

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