



DATA AND ANALYTICS

Delivering Data to Your Fingertips

What We Do

Excella creates data platforms, analytical toolkits, and advanced AI solutions to deliver data when and where it's needed. We use modern big data technologies, cloud platforms, and Agile methodologies to help organizations get the most out of their data.

Our data ecosystems provide the self-service tools that teams need for data-driven decisions. They are tailored to the audience - whether executives scanning dashboards or data scientists building machine-learning models.

Excella uses advanced data science models and tools and our own, cutting-edge research to build new AI solutions. The ability of AI to perform complex tasks at speed and scale can transform your business operations.

Excella's data scientists have developed a breakthrough class of neural networks to help machines interpret language faster and more accurately. This creates a foundation for the future of NLP and deep learning, from better AI tools to improved fraud detection.

- **Digital / Customer Analytics** – establishing the complex network of tools, data sources, visualizations, and processes to enable decision-making.
- **Data Integration** – combining best-fit tools and platforms with proven design patterns to build scalable data pipelines that feed lakes, warehouses, and marts.
- **Data Visualization** – selecting, deploying, and building people-friendly, interactive visuals using off the shelf tools or open source code for custom visualizations.
- **Data Science/AI** – leveraging advanced techniques to explore data, predict behaviors, and build intelligent machines that automate workloads.
- **Data Governance** – using a combination of process and tools to measure the accuracy, completeness, and usability of your data and ensure that it is high quality.

Our Approach

Excella is one of the few firms that truly applies Agile to data projects. We deliver value with each release as we build towards a comprehensive solution. We'll also guide you through the process of applying frameworks like Scrum and Kanban to your own projects.

Unlike other tech firms, Excella deploys full-stack data teams. These cross-disciplinary teams enable quick iteration and have all the specialties needed for end-to-end delivery.

Our Customers



Excella is enhancing customer service at a major federal agency. Our Agile team is building CI/CD pipelines into a new graph database to unlock powerful insights into the customer lifecycle. Our data scientists have created a deep-learning assistant to answer customer questions and achieved new levels of accuracy in estimating case processing times.



Excella is helping a Fortune 500 client derive insight from the entire customer journey. Our team of 28 analysts, integration experts, data scientists, and dashboard developers combines data from many stovepiped source systems and unifies the data lifecycle: from setting up new web data capture and building enterprise data sets to predictive modeling.



Excella is building a new analytics data platform to analyze more than a trillion dollars per year of Medicare and Medicaid spending. Using an AWS cloud platform and a MemSQL data warehouse, we are creating shared and personal workspaces where 1,600 users can load, blend, and analyze data in a scalable and secure environment.



Digital business needs a single, accurate, and complete view of the customer. Excella is working with a Fortune 200 client to build a new master customer attribute and authentication database. We support roadmap creation, requirements gathering, legacy system analysis, architecture design, and data integration.