

Npedia Technologies: Metamorphosing Towards Digital Transformation Using NLP, ML and .AI

As the amount of information available online is growing, information overload is a real problem. Accessing specific important information from a huge knowledge base has clearly shown the importance of natural language processing applications. Machine translation helps us conquer language barriers that are often encountered by translating technical manuals, support content or catalogs at a significantly reduced cost. “The challenge with machine translation technologies is not in translating words, but in understanding the meaning of sentences to provide a true translation” says Vijay



Vijay Vaidyanathan,
 CEO & Founder

Vaidyanathan, CEO and Founder of Chennai based business technology transformation company-Npedia Technologies. The company provides ML and AI driven strategies to facilitate digital transformations by understanding the Machine Translation technologies. Npedia uses natural language processing to create a seamless and interactive interface between humans and machines

that are a top priority in increasingly cognitive applications. The services involve CIO/CTO expertise on demand, without the price-tag of full-time CXOs. Through leadership, innovative thinking, early adoption techniques, new business models (like “gig hub for enterprise”)and incorporating digitization, Npedia helps in building a better and wider decision-making authority.

Improving Customer Traction with AI/ML platforms

The widespread adoption of the cloud paradigm mandates exponential growth in the datacenter's computational, network, and storage resources. Npedia with its toolkit deals with new techniques to tackle new methods in this exponential data growth. The kit gives rise to apps based on design thinking, interactive videos for application and services delivery. As speech-understanding technology and voice-input applications improve, the need for NLP is increasing steadily. Question-Answering (QA) is becoming vital for successful customer traction with applications such as OK Google, Amazon Alexa, chat boxes and virtual assistants. NLP based Voice integration of Npedia – is pushing the application delivery to Zero UI, thereby closing the digital gap. NLP is understood by Automation Summarization in an algorithm which is a key vector. Automation Summarization is especially relevant when used to provide an overview of social media posts, while avoiding redundancy from multiple sources and maximizing the diversity of content obtained.



Murali,
 Head- Data & Strategy

Npedia caters to diverse set of domains in market. Machine learning (ML) usage in healthcare and life science is a major focus area. Healthcare sector is in for a major overhaul with Digital Transformation and especially with NLP adoption in its services. This is likely to disrupt pharma industry – key innovation that will help accelerate the ability to handle large volume of data, and a model around it. Npedia assists healthcare service enterprises with digitalization of records, data storage, content extraction with AI strategies, smart model building and automation of business actions to help CIOs with medical records.

Quantum leap with NLP

Npedia keenly provides real value to the customer with Business Digital transformation models starting from ‘CXO on Demand’ to Machine Learning and NLP. The emerging technology visualization of the company has a program based approach to rapidly enable technology and augment CEO / CXO with more capabilities and capacities in the future. [CR](#)