ARTIFICIAL INTELLIGENCE & NATURAL LANGUAGE PROCESSING

IN THE FINANCIAL MARKETS

ARTIFICIAL INTELLIGENCE is transforming the financial services industry by helping to streamline and enabling quicker and more efficient trading and settlement.
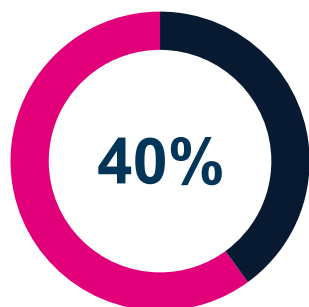
NATURAL LANGUAGE PROCESSING (NLP) is the ability of a computer program to understand human language as it is spoken. Examples of NLP applications are chatbots, text analytics, voice assistants and voice recognition.
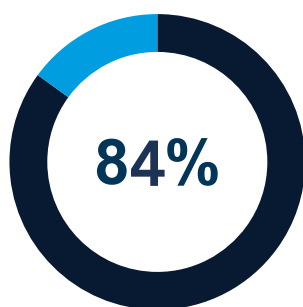
DEEP LEARNING consists of the use of complex artificial neural networks to develop analytics models. Deep learning techniques are especially useful for image processing, natural language processing and speech recognition tasks.

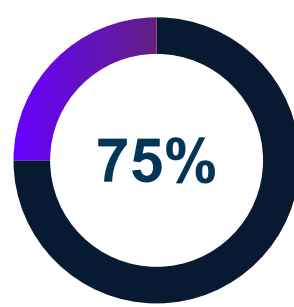*Source: Smart Data for Finance, CDW White Paper*

40%

AI TECHNOLOGY CAN ENHANCE BUSINESS PRODUCTIVITY BY UP TO 40%

Source: Accenture

84%

OF GLOBAL BUSINESS ORGANIZATIONS BELIEVE THAT AI WILL GIVE THEM A COMPETITIVE ADVANTAGE

Source: Statista, 2017 Artificial Intelligence Statista study

75%

OF FINANCIAL INSTITUTIONS WILL CONSIDER USING AI WITHIN 18 MONTHS

Source: The Financial Brand, "Competitive Survival in Banking Hinges on Artificial Intelligence," October 2017

IPC AND GREENKEY TECHNOLOGIES
AI for Sales and Trading

- Enabling trading strategies across all asset classes
- Delivering valuable insights
- Converting of complex audio into usable data to automate and analyze tasks such as:

POPULATING CRM SYSTEMS

QUOTE CAPTURE

WRITING AND SORTING CALL NOTES

TYPING INSTANT MESSAGES

CONSUMING VOICE AS DATA

TRANSCRIBING VOICE TO TEXT

SURVEILLANCE & SUPERVISION

TRADE RECONSTRUCTION

The value of the **NLP MARKET** is **PROJECTED TO GROW TO $13.4B by 2020**

Source: Markets and Markets, (2016) "Natural Language Processing by Market Type, Technologies, Development, Vertical and Region"

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Connecting opportunities

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