SFG SERRA SERVE	Artificial Intelligence
	A New Tool in Fighting Fraud

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#### **Presenters**

Sierra Forensic Group (SFG), headquartered in Chicago, Illinois, is a boutique forensic accounting firm specializing in assisting clients with matters involving financial fraud, investigations and analysis as well as Illigation support and dispute consulting. SFG utilizes a variety of analytic tools and forensic technologies. We assist clients around the globe and have a particular expertise with organizations in Latin America.

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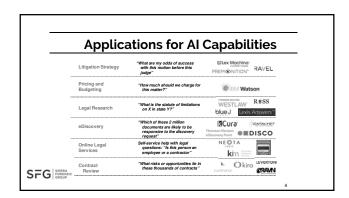
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# What is AI or Cognitive Computing

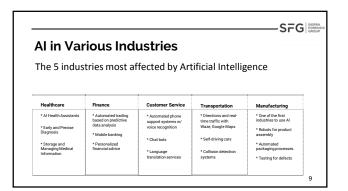
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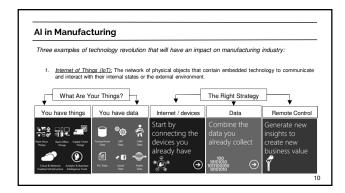
# What is Al (or Cognitive Computing) Artificial Intelligence or Cognitive Computing is software that gives machines the power to perform specific tasks that normally require human intelligence such as visual perception, speech recognition, decision-making, and language translation. Artificial Intelligence is not a single technology or function:

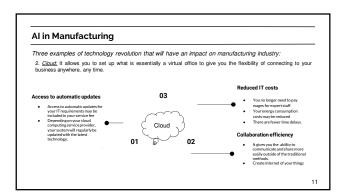
Why Should We Care About AI?					
	dward Snowden: the whistleblower ehind the NSA surveillance revelations				
Can Alexa help solve a murder? Police think so — but Amazon won't give up her data.	Tesla driver dies in first fatal crash while using autopilot mode				
Petya ransomware slams Windows PCs shut in massive attack	The autopilot sensors on the Model S failed to distinguish a white tractor-trailer crossing the highway against a bright sky				
The options and its moving quickly, focking down systems at an alterning rate.  Hacking Experts Call Sony Cyber Attack 'Unparalleled And Well Planned Crime'	China is going 'Minority Report' with AI that predicts who will commit crime next GDPR: time to explain your				
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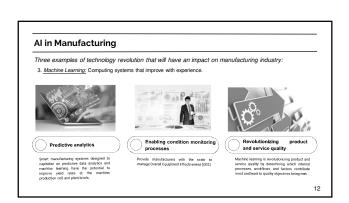


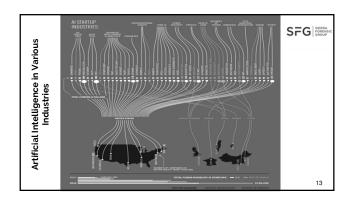
Al in Various Industries

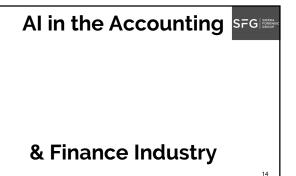














#### Benefits of AI in the Accounting & Finance Industry

Improved Productivity and Reduced Costs:

- Simplify the process of recording transactions.
- Automate the entire workflow of researching, getting purchase approval, purchasing, receiving, storing, and retiring assets.
- Follow controlled process to eliminate risks.

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### Benefits of AI in the Accounting & Finance Industry

More Accurate and Transparent Data and Reporting:

- Transparency of data used for reporting.
- Easier to find and correct errors.
- Storage and search software technology advances allow for easy document management.

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#### Benefits of AI in the Accounting & Finance Industry

Better Customer Service:

- US Bank uses Al to determine best time to call clients.
- Automate / mobile banking.
- Chat and customer service bots.

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SFG 🚟 **How AI Helps Identify Fraud** and Monitor Compliance

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Al Identifying Fraud and Monitoring Compliance Banking Industry

Spends thousands of hours poring over countless pages of regulatory compliance fillings, loan agreements, and other records to determine whether they comply with laws, terms and conditions. Corporations Have to deal all the time doing due difigence to their third parties in order to minimize all different kind of risks. For example reputational, corruption, and non compliance with internal policies and external requirements. SFG SERRA FORENSIC 20

## Al Identifying Fraud and Monitoring Compliance Systems Built on Machine Learning Technology Stunning Reductions in the Time and Effort More Efficiency, Transparency, Reduced Probability of Risks SFG SERRA FORENSIC 21



#### How AI Helps Identify Fraud and Monitor Compliance

- Rogue employee detection:
   ➤ Catching employees opening fake
  - accounts.

    > Finding multiple accounts using the same e-mail or IP address.
- <u>Trader monitoring</u>:

  - Learns trader personalities and behavior.

     Increases the precision of suspicious trading, helping avert costly false

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## How AI Helps Identify Fraud and Monitor Compliance

#### Identifying Fraud:

- <u>KYC:</u> Algorithmic machine learning models with a layer of human-like cognitive
  - > Analyze vast amounts of data,
  - > Search the web and find patterns that can strengthen and streamline the KYC processes.
  - > Identify red flags

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## How AI Helps Identify Fraud and Monitor Compliance

#### Identifying Fraud:

- Money laundering detection:
  - Monitoring reports, news items and regulatory alerts can be evaluated as risk indicators using AI.
  - Those alerts indicating the greatest risk exposures can be subject to further analysis.

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#### How AI Helps Identify Fraud and Monitor Compliance

#### Monitoring Compliance:

- Law and regulation parsing:
   Al software can select specific rules in lengthy regulatory documents and
   Send them to people and departments that need to comply.
- <u>Identification of regulation and policy</u>
- <u>upuates</u>:

  ➤ Cognitive engines can understand and analyze high volumes of regulatory changes and

  ➤ Verify that a business is alerted to the most up-to-date policies.







#### How AI Helps Identify Fraud and Monitor Compliance

#### Monitoring Compliance:

• Identification of units, products and processes affected by compliance requirement: Neuro linguistic programing systems can analyze documents to identify people, products and processes affected by legal and regulatory changes.

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## SFG FOREN How to Prepare 27

How to Prepare				
Focus	Individuals must be focusing on their insight and expertise and finding customers in need of those offerings			
Self - Education	Individuals hoping to survive and thrive in the age of artificial intelligence must begin by Educating themselves on forthcoming technologies.			
Market Yourself	Market yourself to your clients as someone who understands and has mastered the future, rather than someone who stands to be eliminated by it.			
Innovative Thinker	Embrace Al technology in an effort to provide more value to clients.			

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