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Weekly Stock List: Deep Learning & Artificial Intelligence
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Deep Learning & Artificial Intelligence
- Deep Learning is moving Machine Learning toward the holy grail of Artificial Intelligence. Before we look ahead, let's take a step back.
- Machine Learning dates to the 1950s, when IBM scientists wrote the first algorithms that enabled computers to remember, learn and improve performance through trial and error. Big Blue's computers became top-notch checkers players.
- As the decades passed, two things happened. One, more data became available for analysis. And two, the computer scientists wrote programs that allowed computers to tackle more complex tasks, such as recognizing facial features and patterns, and categorizing objects into groups. Computers have now learned to speak and drive cars.
- Deep Learning is poised to take these successes and move them to a new level, as even more data becomes available for analysis.
- Here are five BUY-rated IT companies in Argus Coverage that are leaders in Deep Learning:
    - Int'l. Business Machines Corp. (IBM): Watson does AI very well -- it is a true cognitive computing technology (cognitive: capable of adding and incorporating new knowledge). As well, IBM has deep pockets to promote Watson and strong vertical (industry) expertise in financial, healthcare, and industrial among other areas.
    - NVidia Corp. (NVDA): The complex technologies required in high-end graphics processing -- one of NVidia's core competencies -- turn out to be a good match when addressing the complexities of AI and machine learning.
    - Facebook Inc. (FB): Facebook is using its massive cash generated from advertising to invest in next-gen adjacencies, such as its Oculus Rift business (virtual reality, which has tight links to AI).
    - Alphabet Inc. (GOOGL): Like Facebook, Alphabet is using cash generated from advertising to invest in next-gen adjacencies, like being a hyperscale cloud global leader and the Google projects: nest (smart home), verily & calico (prolong life), Replicant (robots), wing & titan (drones and solar drones).

- o   Intel Corp. (INTC): This blue-chip semiconductor company powers over 95% of data center worldwide, including hyperscale. Although ARM-based servers are a future challenge, they are not here now.
- For more information on these companies, please see our Analyst Reports on the website.