***ARTIFICIAL INTELLIGENT***

**Artificial intelligence** (**AI**) is [intelligence](https://en.wikipedia.org/wiki/Intelligence)—perceiving, synthesizing, and inferring information—demonstrated by [machines](https://en.wikipedia.org/wiki/Machine), as opposed to [intelligence displayed by non-human animals](https://en.wikipedia.org/wiki/Animal_cognition) or [by humans](https://en.wikipedia.org/wiki/Human_intelligence). Example tasks in which this is done include speech recognition, computer vision, translation between (natural) languages, as well as other mappings of inputs.

Pandas is a Python library used for working with data sets. It has functions for analyzing, cleaning, exploring, and manipulating data. The name "Pandas" has a reference to both "Panel Data", and "Python Data Analysis" and was created by Wes McKinney in 2008.

Scikit-learn (Sklearn) is the most useful and robust library for machine learning in Python. It provides a selection of efficient tools for machine learning and statistical modeling including classification, regression, clustering and dimensionality reduction via a consistence interface in Python. This library, which is largely written in Python, is built upon NumPy, SciPy and Matplotlib.