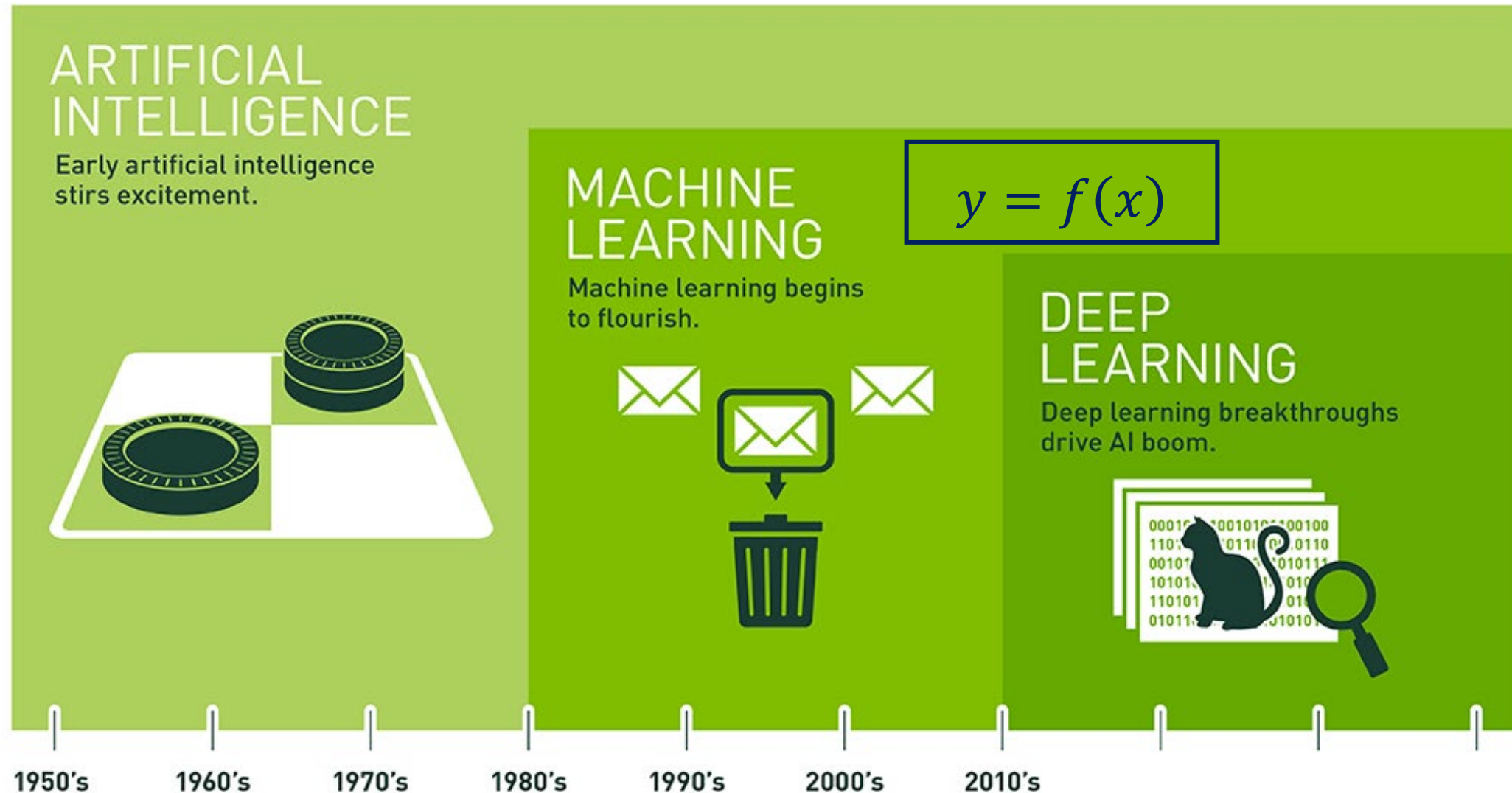
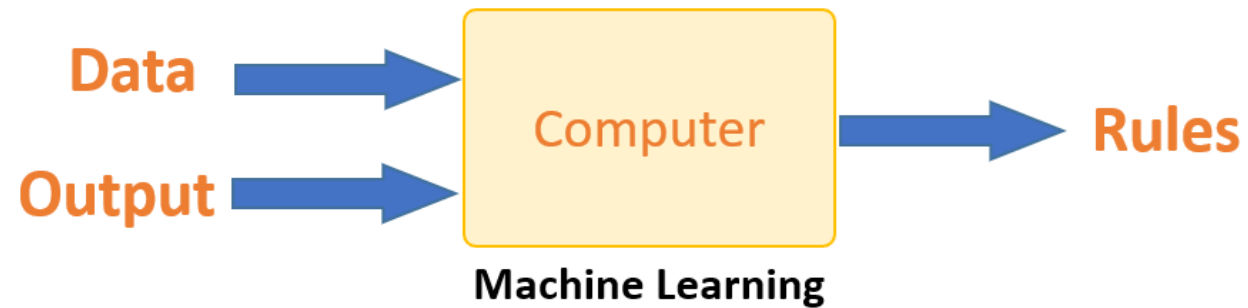
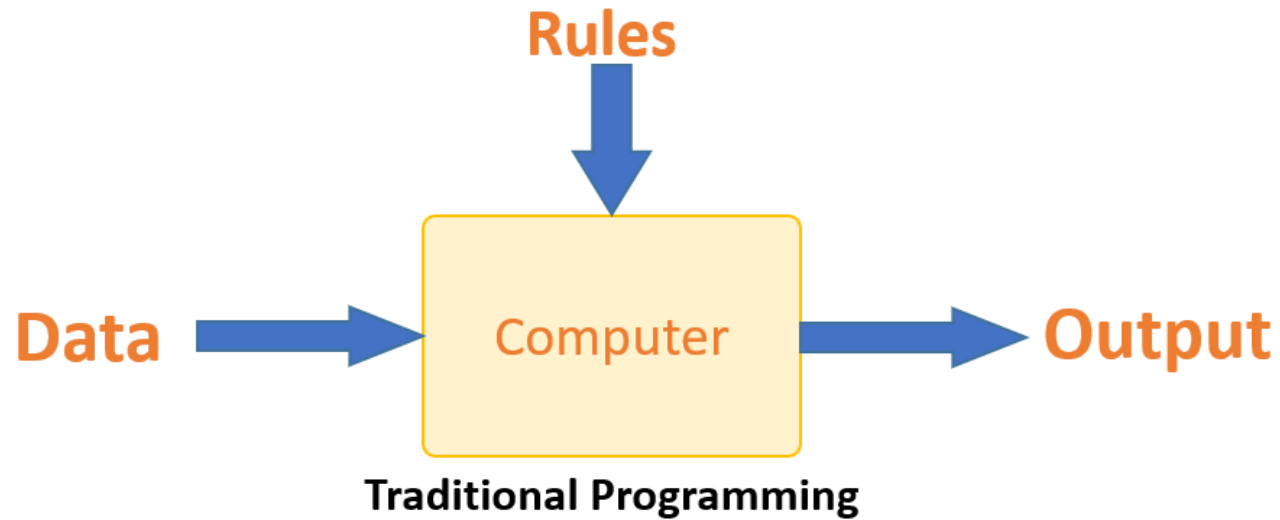


AI, ML and DL



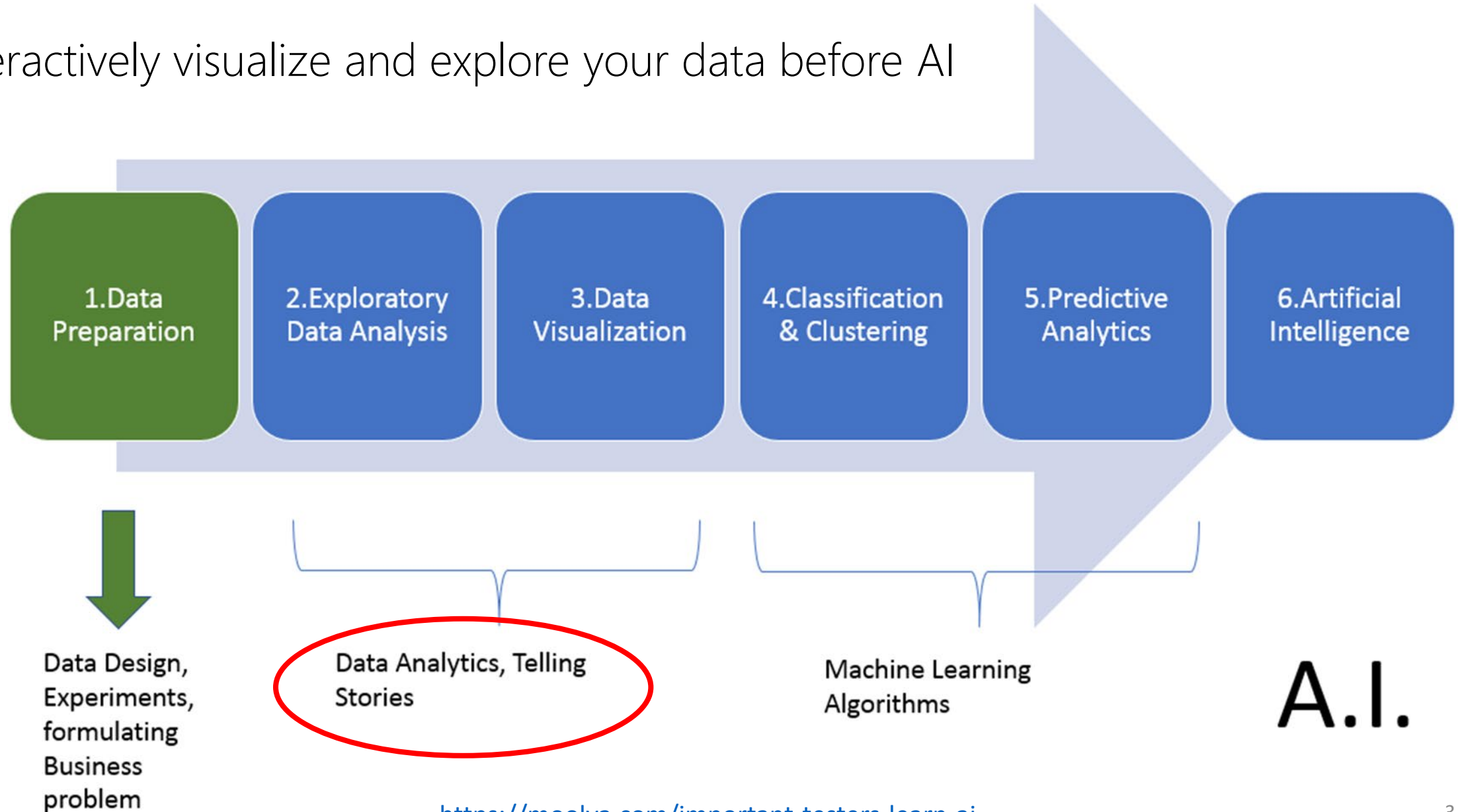
Traditional programming vs machine learning



$$y = f(x)$$

Data visualization

Interactively visualize and explore your data before AI

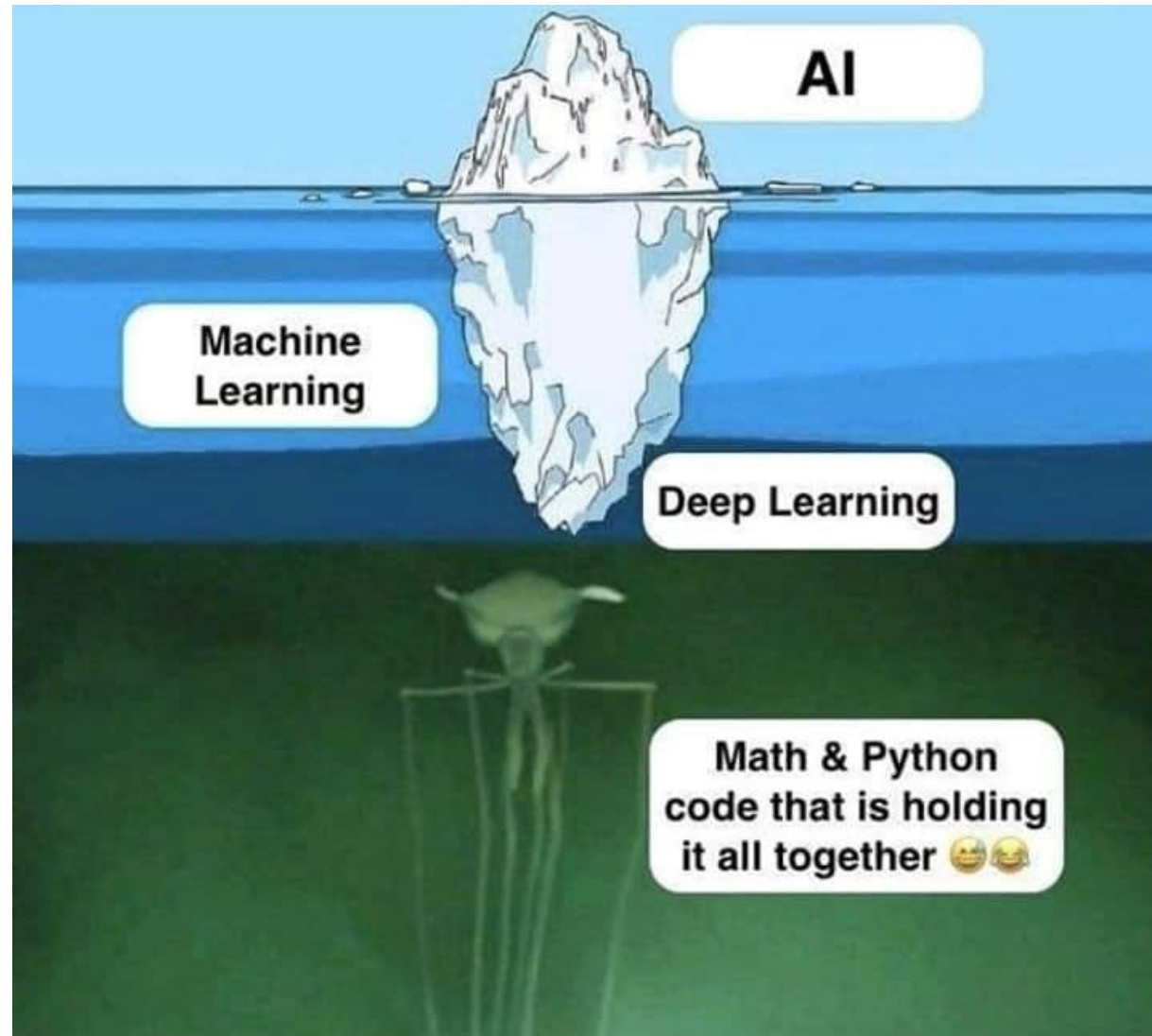


Data preparation for ML

- ...**Data Cleaning** to delete duplicate rows and redundant columns
- ...**Outlier Detection** and removal
- ...**Missing Value** identification and imputation
- ...**Feature Selection** with statistics and models
- ...**Feature Importance** with models
- ...**Data Transforms** to change data scales, types, and distributions
- ...**Dimensionality Reduction** to create low-dimensional projections

[Data Preparation for Machine Learning \(machinelearningmastery.com\)](https://machinelearningmastery.com)

Math + Python coding



Python development tools

