

Machine learning means learning from data. It's a combination of data and algorithms, but data is more important. Feature extraction is key, and if you have small amounts of data, you're better off using simple models like linear and logistic regression. If you have large amounts of data, you can try out more complex models like deep learning. Overfitting is when your algorithm is memorizing instead of learning, and to avoid it, always use regularization. Training is the most important part of machine learning, so choose your features and hyperparameters carefully. Machines don't take decisions, people do. Finally, data cleaning is the most important part of machine learning, as "garbage in, garbage out" applies here.