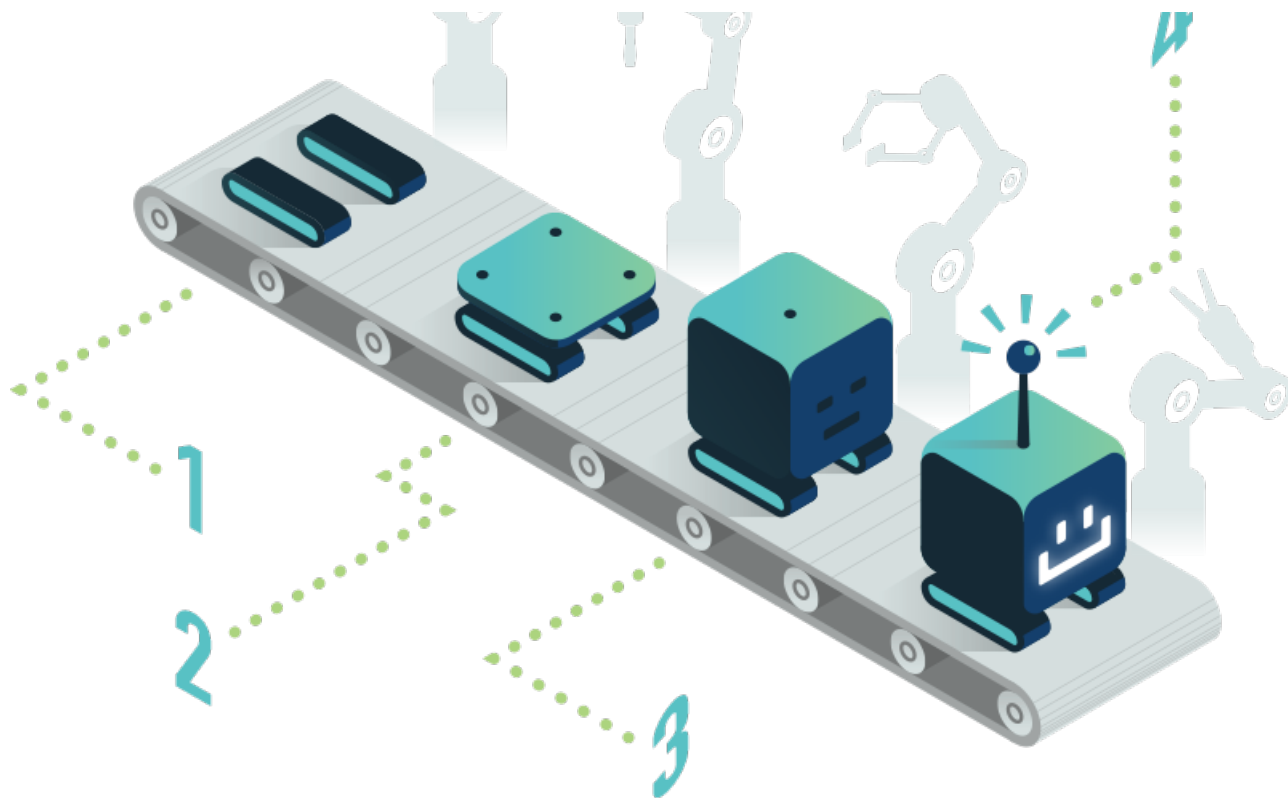


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Level: Beginner | **Time:** 20 minutes

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Linear Regression Algorithms Demo

This notebook demonstrates the development of various linear regression algorithms in SystemML.

[View on Github](#)

Deep Learning Image Classification

This notebook shows SystemML Deep Learning functionality to map images of single digit numbers to their corresponding numeric representations.

[View on Github](#)

SystemML PySpark Recommendation Demo

This demonstrates using SystemML for product recommendation using Poisson NonNegative Matrix Factorization (PNMF) with PNMF algorithm written using R like syntax.

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Autoencoder

This notebook demonstrates the invocation of the SystemML autoencoder script, and alternative ways of passing in/out data.

[View on Github](#)

DML Tips and Tricks

This example shows helpful matrix processing techniques and other linear algebra operations using SystemML's Declarative Machine Learning (DML) scripting language.

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