



## Project 2

FinTech



# Project 2 Requirements

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01

Find a FinTech problem that machine learning can help solve.

02

Apply ML in the context of technologies learned.

03

You must use: Scikit-learn and/or another machine learning library.

04

You must use at least two of the below:

Scikit-learn

Google Colab

TensorFlow

Amazon SageMaker

Keras

Amazon Lex

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05

Prepare a 10–15 minute presentation that demonstrates how machine learning can be used to solve problems in FinTech.

06

Example projects:

- Compare two or more machine-learning models for solving a predictive task.
- Use natural language processing to draw insight from text or language.
- Deploy a SageMaker machine-learning model as an API.
- Deploy a Lex-powered robo advisor.
- Use machine learning to build a sophisticated algorithmic trading bot.



The key is to **show** the  
value of what you know.

# By the End of Today's Class:

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Brainstorm possible project ideas.



Begin data research.



Write a description of the scope of your research.

Questions?