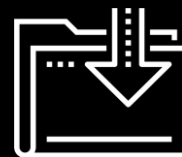


Project 2

FinTech Boot Camp



Project 2 Requirements

Project 2 Requirements

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

Project 2 Requirements

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.

Project 2 Requirements

07

Must be a product to be pitched either to VC or internal stakeholders

08

Must be scalable to market of size roughly US (i.e. can us NYC-based datasets, but cannot be limited in scope by this.)

09

Must be commercially valuable/monetizable: Examples:

- Product that provides customer value, then generates fees/commissions, pay-for-service or sells advertising to users.
- Executable trading model
- Optimizes an existing process -e.g. trading, supply-chain etc
- An analysis/report/dashboard with clear directions for implementation.



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

By the End of Today's Class:



Brainstorm possible project ideas.



Begin data research.



Write a description of the scope of your research.



Questions?

PROJECT 2 TEAMS

Team 1

JC Soliman
Jeneia Mullins
Manpreet Singh Padam

Team 2

Salomón Alvarez
Alexis Schottenstein
Armen Arsenyan

Team 3

Roland Ferrao
Ashok Ranu
Jennifer Mulroy

Team 4

Christian Stracke
Andrea Ovelar
Emmy Kuo
Weiqing Wang

Team 5

Carl Boitz
Victor Ramirez
Janet Cheung
Liana Pilarte

Team 6

Jen Rionda
George Smith
Zachary Steindam

Team 7

Michana Pubien
Brian Kim
Aresh Wint
Jonathan Matos

Team 8

Raymond Yip
Keron Edwards
Sandra Nova
Min Chen