Project 2

FinTech Boot Camp

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

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.

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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?

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PROJECT 2 TEAMS

Team 1	Team 2	Team 3	Team 4
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			Weiqing Wang

Team 5	Team 6	Team 7	Team 8
Carl Boitz	Jen Rionda	Michana Pubien	Raymond Yip
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