# Team 2 | Project Checkpoint #1

Adler Viton, Jeremy Tan, Katherine Tian, Andrew Kroening

## Non-Technical Project

- **Blended Report** structure
- Assessing the **Management Structure and Roles** of major international finance firms, as well as **Risk in Balance Sheet and Income Statements**
- **Analysis of required skills**
- **Lead candidate firms**:
  - Global Banks: Citi, UBS
  - Investment Firms: BlackRock, Bridgewater

## Technical Project

- **Primary: Predictive Modeling of Interest Rates**
  - Assess **multiple modeling techniques** for predictive quality
  - **Construct a pipeline** to ingest data and return predictions
  - (T) Incorporate outside data streams
- **Secondary: Use Monte Carlo Simulation** to predict the **price of callable CDs**
  - Simulate interest rates, CD prices, and callable CDs