**Meeting Memo on 11/24/2024**

**---------------------------------------------------------------------------------------------------------**

**Objective:**

To ensure we are prepared for the next meeting on **12/2**, the following tasks have been assigned.

**Task Assignments:**

* **Jiayi**
  1. Create a new Jupyter Notebook and fit Jiayi’s model with Ching-Lung’s data
  2. [Stress Test] Use the model to generate forecasts under four future scenarios
* **Ching-Lung**
  1. Write the descriptions for SARIMAX in Jupyter notebook
  2. Implement Random Forest model and XGBoost model

**Next Steps:**

1. Start implement Neural Network type models: CNN, RNN, LSTM, Transformer
2. Understand and finish the writes-up for Random Forest & XGBoost
3. Finish the slide of SARIMAX

**---------------------------------------------------------------------------------------------------------**

**Meeting Memo on 12/2/2024**

**Reference:**

1. **FDIC Quarterly Banking Profile:**

https://www.fdic.gov/quarterly-banking-profile?fbclid=IwZXh0bgNhZW0CMTEAAR3xfcOCtpXbq3Roz1vHHgG-zMVjnET45D00S4JPV6blZgNM9rTqYtMtxe8\_aem\_gUDkaNqD6Hd6Be76agIwHw

1. **Stress Test 2024:**

https://www.federalreserve.gov/supervisionreg/dfa-stress-tests-2024.htm