IE598 - MLF Final Project

Fall 2018

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**10/21/2018**

**University of Illinois at Urbana-Champaign**

**IE598 - Machine Learning in Finance**

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# Chapter 1: Moody’s Bond Rating Classifier

## Exploratory Data Analysis

We’ve added a few tips (like this one) to help you get started.

When you click tip text, the whole tip is selected. Just start typing to replace it with your own.

The headings, however, are typical annual report headings that you might want to use as-is.

## Preprocessing & Feature Extraction/Selection

We love the cover page of this template. But we also think you should have options. On the Insert tab, click Cover Page for a gallery of choices. And don’t worry about text you’ve already added to that page. It will still be there after you choose another cover.

## Model Fitting & Evaluation

1. Model 1
2. Model 2
3. Model 3

## Hyperparameter Tuning

Insert text here

## Ensembling

INSERT TEXT HERE

## Conclusions

INSERT TEXT HERE

# Chapter 2: USPHCI Economic Activity Forecast

## Exploratory Data Analysis

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## Model Fitting & Evaluation

1. Model 1
2. Model 2
3. Model 3

## Hyperparameter Tuning

Insert text here

## Ensembling

INSERT TEXT HERE

## Conclusions

INSERT TEXT HERE

# INSERT TEXT HERE (EXTRA PAGE TEMPLATE)

## Statement of Financial Position

* Liabilities
* Statement of Financial Position
* Ownership Equity

## Statement of Comprehensive Income (Profits and Losses)

* Income
* Expenses
* Profits

## Statement of Changes in Equity

Well, it wouldn’t be an annual report without a lot of numbers, right? This section is the place for all those financial tables.

To get started with a table that looks just like the sample here, on the Insert tab, click Tables, then choose Quick Tables.

Table Heading

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Revenue | Expenses | Earnings |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Statement of Cash Flows

* Operating
* Investing
* Financing

# Appendix

## Github Repository