Project: Bankruptcy Prevention

**Business Objective:**

This is a classification project, since the variable to predict is binary (bankruptcy or non-bankruptcy). The goal here is to model the probability that a business goes bankrupt from different features.

The data file contains 7 features about 250 companies

The data set includes the following variables:

1. industrial\_risk: 0=low risk, 0.5=medium risk, 1=high risk.
2. management\_risk: 0=low risk, 0.5=medium risk, 1=high risk.
3. financial flexibility: 0=low flexibility, 0.5=medium flexibility, 1=high flexibility.
4. credibility: 0=low credibility, 0.5=medium credibility, 1=high credibility.
5. competitiveness: 0=low competitiveness, 0.5=medium competitiveness, 1=high competitiveness.
6. operating\_risk: 0=low risk, 0.5=medium risk, 1=high risk.
7. class: bankruptcy, non-bankruptcy (target variable).

**Acceptance Criterion:**

Need to deploy the end results using Flask /Streamlit.etc.

**Milestones:**

Project Schedule:-

|  |  |  |
| --- | --- | --- |
| P-359 Bankruptcy Prevention | | |
| Date | Presentation Work |  |
|  |  |  |
| 22-Feb-24 | Kick off Meeting | 12:00 to 1:00PM |
| 26-Feb-24 | Doubt clarification& Team Updates | 12:00 to 1:00PM |
| 04-Mar-24 | EDA | 12:00 to 1:00PM |
| 11-Mar-24 | Model Building | 12:00 to 1:00PM |
| 18-Mar-24 | Model Building -2 | 12:00 to 1:00PM |
| 25-Mar-24 | Deployment and Final Presentation | 12:00 to 1:00PM |

Protocols:

1. All participants should adhere to agreed timelines and timelines will final presentation day. Not be extended.
2. All the documentation – Final presentation and python code to be submitted after the final review meet.
3. All the participants must attend review meetings