**Topic Submission Form**

This form should be submitted by the mentioned deadline.

Name:     **JAYAPRAKASH MUDUGAL**

Student Number:      **PN1038031**

Course:               **MS. Artificial Intelligence and Machine Learning**

**Fill your topic/s below**

**Project Title/Area 1**: Investment Analysis: Financial Markets

**Dataset**: <https://github.com/akshayr89/Spark-Fund_Investment-Analysis/tree/master/data>

**Description**: The objective is to identify the best sectors, countries, and a suitable investment type for making investments. The overall strategy is to invest where others are investing, implying that the 'best' sectors and countries are the ones 'where most investors are investing

**Project Title/Area 2**: Loan Prediction / Customer Defaults: Core Banking

**Dataset**: <https://www.kaggle.com/datasets/yasserh/loan-default-dataset>

**Description**:  To automate the loan eligibility process (real time) based on customer detail provided while filling online application form. These details are Gender, Marital Status, Education, Number of Dependents, Income, Loan Amount, Credit History and others. To automate this process, they have given a problem to identify the customers segments, those are eligible for loan amount so that they can specifically target these customers

**Project Title/Area 3**: Stock Marker Predictions: Financial Modelling

**Dataset**: <https://www.kaggle.com/datasets/borismarjanovic/price-volume-data-for-all-us-stocks-etfs>

**Description**: Stock price analysis has been a critical area of research and is one of the top applications of machine learning. This tutorial will teach you how to perform stock price prediction using ML techniques

**Fill in this section if a member of staff has agreed to be your supervisor:**

Member of Staff:                                                                                   \_\_\_\_

If you have found a supervisor then you and the member of staff who agreed to supervise your project should sign below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_                                                                        \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature                                                                         Supervisor Signature

\_\_\_\_\_\_\_\_\_\_\_\_\_                                                                            \_\_\_\_\_\_\_\_\_\_\_\_

Date                                                                                               Date