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| **Branch/Semester** | MSc. IT (Fintech) / III |
| **Subject Name:** | AlgoTrading using Python |
| **Subject Code:** | 05MF0306 |
| **Assignment:** | Assignment No. 4 |
| **Date:** | 25th July 2025 |
| **Faculty Name:** | Prof. Abhishek Chauhan |

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| **1.** | Developing an Automated Trading Strategy: Implement a MACDbased Auto Buy/Sell Algorithm and backtest it on historical data. |
| **2.** | Risk Management & Portfolio Optimization: Use Machine Learning to  predict stock price movements and optimize asset allocation. |