Models made in machine learning

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Lasso regressor(M105) | BHARTIARTL-BhartiAirtel | 1.2738 |  |  |  |
| Eureqa Regressor(instant search-40 Generations)(M92) | BHARTIARTL-BhartiAirtel | 1.3006 |  |  |  |
| Elastic net regressor(M22) | BHARTIARTL-BhartiAirtel | 1.3146 |  |  |  |
| Light Gradient boosting on Elasticnet prediction(M20) | BHARTIARTL-BhartiAirtel | 1.3174 |  |  |  |
| Ridge Regression(M58) | BHARTIARTL-BhartiAirtel | 1.3355 |  |  |  |
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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Eureqa Regressor(3000 Generations)-M81 | ULTRACEMO-Ultratech Cement Limited | 1.2431 |  |  |  |
| Gaussian process regressor with matern kernel-M69 | ULTRACEMO-Ultratech Cement Limited | 1.2450 |  |  |  |
| Eureqa Regressor(3000 Generations)-M80 | ULTRACEMO-Ultratech Cement Limited | 1.2573 |  |  |  |
| XGB(Learning Rate 0.01)-M56 | ULTRACEMO-Ultratech Cement Limited | 1.3608 |  |  |  |
| Extra Tree Regressor-M24 | ULTRACEMO-Ultratech Cement Limited | 1.3691 |  |  |  |
| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Eureqa Regressor(250 Generations)-M53 | Asian-Asian paints | 1.1386 |  |  |  |
| Eureqa Regressor(3000 Generations)-M81 | Asian-Asian paints | 1.1462 |  |  |  |
| Ridge regressor-M9 | Asian-Asian paints | 1.4419 |  |  |  |
| Auto-Tuned Stochastic Gradient descent-M50 | Asian-Asian paints | 1.5738 |  |  |  |
| XGB Trees Regressor(Poisson Loss) | Asian-Asian paints | 1.7893 |  |  |  |
| LightGBM Random Forest regressor | Asian-Asian paints | 1.8913 |  |  |  |

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Eureqa Generalised Addtive model(1000 Generations)-M52 | HINDUNILVR-Hindustan Uniliver | 0.8799 |  |  |  |
| ExtraTrees Regressor-M25 | HINDUNILVR - Hindustan Uniliver | 0.9211 |  |  |  |
| Ridge Regression-M58 | HINDUNILVR - Hindustan Uniliver | 0.9214 |  |  |  |
| LightGBM Random Forest Regressor-M70 | HINDUNILVR - Hindustan Uniliver | 0.9459 |  |  |  |
| Elastic-Net Regressor-M33 | HINDUNILVR - Hindustan Uniliver | 0.9500 |  |  |  |
| Auto-Tuned Stochastic Gradient descent Regression-M60 | HINDUNILVR - Hindustan Uniliver | 0.9736 |  |  |  |

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| ExtraTrees Regressor-M94 | ADANIPORTS-Adani Ports SEZ | 1.6404 |  |  |  |
| Average Blender Model(AdaBoost,Random Forest,Extraboost Regressor)-M96 | ADANIPORTS-Adani Ports SEZ | 1.6511 |  |  |  |
| Eureqa Generalised additive model(1000 Generations)-M52 | ADANIPORTS-Adani Ports SEZ | 1.6712 |  |  |  |
| XGB with early stopping-M40 | ADANIPORTS-Adani Ports SEZ | 1.7220 |  |  |  |
| Ridge Reressor-M9 | ADANIPORTS-Adani Ports SEZ | 1.7534 |  |  |  |
| Lightgbm Random Forest Regressor-M61 | ADANIPORTS-Adani Ports SEZ | 1.7625 |  |  |  |

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| AVG Blender(Ridge regressor,Keras Slim Residual Neural Netowork) | RELIANCE-Reliance indutries | 1.3332 |  |  |  |
| Ridge Regression-M58 | RELIANCE-Reliance indutries | 1.3859 |  |  |  |
| Eureqa Generalised additive model(40 Generations)-M94 | RELIANCE-Reliance indutries | 1.3924 |  |  |  |
| Eureqa Generalised additive model(1000 Generations)-M95 | RELIANCE-Reliance indutries | 1.3960 |  |  |  |
| Elastic net regressor-M62 | RELIANCE-Reliance indutries | 1.3990 |  |  |  |
| Lightgbm Random Forest Regressor-M20 | RELIANCE-Reliance indutries | 1.4102 |  |  |  |

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Eureqa Regressor(3000 Generations)-M93 | NTPC | 1.3099 |  |  |  |
| Ridge Regression-M58 | NTPC | 1.3247 |  |  |  |
| Auto-Tuned Stochastic Gradient descent Regression-M60 | NTPC | 1.3343 |  |  |  |
| Eureqa Regressor(40 Generations)-M92 | NTPC | 1.3349 |  |  |  |
| Eureqa Generalised Additive Model(40 Generations)-M94 | NTPC | 1.3623 |  |  |  |
| Lasso Regressor-M9 | NTPC | 1.4467 |  |  |  |

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| ML Model | Stock(Symbol)-Name | MAPE | Profit 1 Day Trading | Profit 5 Day Trading |  |
| Eureqa Regressor(3000 Generations)-M81 | SBI-State Bank of India | 1.5383 |  |  |  |
| Ridge Regression-M47 | SBI-State Bank of India | 1.8600 |  |  |  |
| RandomForest Regressor-M38 | SBI-State Bank of India | 2.1755 |  |  |  |
| XGB early stopping(Poisson Loss)-M43 | SBI-State Bank of India | 2.3272 |  |  |  |
| XGB(Gamma Loss)-M41 | SBI-State Bank of India | 2.4367 |  |  |  |
| Auto-Tuned K-Nearest Neighbour regressor(Euclidean Distance)-M10 | SBI-State Bank of India | 2.6469 |  |  |  |