

Stock_Price_Predictor - Piyush Agarwal

Configuration

Select Indian Stock

HDFC Bank

Or enter custom NSE symbol (e.g., ADANIPORTS.NS)

STOCKNAME.NS

Select prediction date

2025/08/27

Options

Technical Analysis

Supervised ML

Advanced Settings

Run Analysis



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Indian Stock Price Predictor

Predict future stock prices using supervised machine learning models and interactive technical analysis.

Data fetched. Current price: ₹982.05

Supervised Machine Learning Models

Model Performance (Test)

Model	RMSE	MAE	R2	MSE	rank_rmse	rank_mae	rank_r2	overall_rank
Ridge Regression	13.4849	11.3746	0.3912	181.8406	1	1	1	3
Linear Regression	16.5626	14.6207	0.0816	274.3187	2	2	2	6
Decision Tree	35.2416	32.4602	-3.1578	1241.9713	3	3	3	9
Random Forest	43.5575	40.2455	-5.3516	1897.2592	4	5	4	13
AdaBoost Regressor	43.7025	40.1671	-5.3939	1909.9049	5	4	5	14
Gradient Boosting	53.844	50.6427	-8.7057	2899.171	6	6	6	18
XGBRegressor	58.5335	54.3761	-10.47	3426.1748	7	7	7	21

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