NIFTY 50 DATA ANALYSIS

Data Dictionary`Overview`

This data dictionary provides a detailed overview of the dataset and the purpose of each column. It serves as a valuable reference for understanding the structure and content of the data used in the analysis

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| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| Date | object | The date of the stock price entry. |
| RELIANCE.NS | float64 | Closing price of Reliance Industries Limited. |
| HDFCBANK.NS | float64 | Closing price of HDFC Bank. |
| ICICIBANK.NS | float64 | Closing price of ICICI Bank. |
| INFY.NS | float64 | Closing price of Infosys Limited. |
| TCS.NS | float64 | Closing price of Tata Consultancy Services. |
| KOTAKBANK.NS | float64 | Closing price of Kotak Mahindra Bank. |
| HINDUNILVR.NS | float64 | Closing price of Hindustan Unilever. |
| ITC.NS | float64 | Closing price of ITC Limited. |
| LT.NS | float64 | Closing price of Larsen & Toubro. |
| SBIN.NS | float64 | Closing price of State Bank of India. |
| BAJFINANCE.NS | float64 | Closing price of Bajaj Finance. |
| BHARTIARTL.NS | float64 | Closing price of Bharti Airtel. |
| HCLTECH.NS | float64 | Closing price of HCL Technologies. |
| ASIANPAINT.NS | float64 | Closing price of Asian Paints. |
| AXISBANK.NS | float64 | Closing price of Axis Bank. |
| DMART.NS | float64 | Closing price of Avenue Supermarts (DMart). |
| MARUTI.NS | float64 | Closing price of Maruti Suzuki India. |
| ULTRACEMCO.NS | float64 | Closing price of UltraTech Cement. |
| HDFC.NS | float64 | Closing price of Housing Development Finance Corporation. |
| TITAN.NS | float64 | Closing price of Titan Company. |
| SUNPHARMA.NS | float64 | Closing price of Sun Pharmaceuticals. |
| M&M.NS | float64 | Closing price of Mahindra & Mahindra. |
| NESTLEIND.NS | float64 | Closing price of Nestle India. |
| WIPRO.NS | float64 | Closing price of Wipro Limited. |
| ADANIGREEN.NS | float64 | Closing price of Adani Green Energy. |
| TATASTEEL.NS | float64 | Closing price of Tata Steel. |
| JSWSTEEL.NS | float64 | Closing price of JSW Steel. |
| POWERGRID.NS | float64 | Closing price of Power Grid Corporation. |
| ONGC.NS | float64 | Closing price of Oil and Natural Gas Corporation. |
| NTPC.NS | float64 | Closing price of NTPC Limited. |
| COALINDIA.NS | float64 | Closing price of Coal India. |
| BPCL.NS | float64 | Closing price of Bharat Petroleum Corporation Limited. |
| IOC.NS | float64 | Closing price of Indian Oil Corporation. |
| TECHM.NS | float64 | Closing price of Tech Mahindra. |
| INDUSINDBK.NS | float64 | Closing price of IndusInd Bank. |
| DIVISLAB.NS | float64 | Closing price of Divi's Laboratories. |
| GRASIM.NS | float64 | Closing price of Grasim Industries. |
| CIPLA.NS | float64 | Closing price of Cipla. |
| BAJAJFINSV.NS | float64 | Closing price of Bajaj Finserv. |
| TATAMOTORS.NS | float64 | Closing price of Tata Motors. |
| HEROMOTOCO.NS | float64 | Closing price of Hero MotoCorp. |
| DRREDDY.NS | float64 | Closing price of Dr. Reddy's Laboratories. |
| SHREECEM.NS | float64 | Closing price of Shree Cement. |
| BRITANNIA.NS | float64 | Closing price of Britannia Industries. |
| UPL.NS | float64 | Closing price of UPL Limited. |
| EICHERMOT.NS | float64 | Closing price of Eicher Motors. |
| SBILIFE.NS | float64 | Closing price of SBI Life Insurance. |
| ADANIPORTS.NS | float64 | Closing price of Adani Ports and SEZ. |
| BAJAJ-AUTO.NS | float64 | Closing price of Bajaj Auto. |
| HINDALCO.NS | float64 | Closing price of Hindalco Industries. |