



Power BI

INTERNSHIP REPORT

AKASSH_G

201105

ARTIFICIAL INTELLIGENCE
& DATASCIENCE



HCL_NSE STOCK DATA

- ▣ *HCL Stock data is used to find activity of an sector/market in future.*
- ▣ *By using stock analysis, investors and traders arrive at equity buying and selling decisions.*
- ▣ *Studying and evaluating past and current data helps investors and traders to gain an edge in the markets to make informed decisions.*

HCL_NSE STOCK DATASET

This dataset is used to analyze and predict the price for future

HCL.csv

File Origin: 1252: Western European (Windows) Delimiter: Comma Data Type Detection: Based on first 200 rows

Symbol	Series	Date	Prev Close	Open Price	High Price	Low Price	Last Price	Close Price	Average Price	Total Traded Quantity	Turnover	No. of Trades	Deliverable Qty	% Dly Qt to Traded Qty
HCLTECH	EQ	01-01-2016	855.1	855.1	855.1	843.5	845.6	845.85	846.83	485196	410880355.7	9066	291168	60.01
HCLTECH	EQ	04-01-2016	845.85	841	854.95	837.45	846.95	845.95	843.36	1086036	915919738.5	43114	540113	49.73
HCLTECH	EQ	05-01-2016	845.95	848.95	851.05	836.4	844	842.8	842.45	732691	617257642.2	41363	456084	62.25
HCLTECH	EQ	06-01-2016	842.8	853.7	853.7	837	841	841.4	843.19	1398935	1179563879	58050	971039	69.41
HCLTECH	EQ	07-01-2016	841.4	836.1	837.9	819	825.5	825.05	827.47	1450657	1200371675	51218	951629	65.6
HCLTECH	EQ	08-01-2016	825.05	828	836.75	813.8	831.05	828.35	824.68	1688435	1392420250	46806	1163945	68.94
HCLTECH	EQ	11-01-2016	828.35	815	833	811.1	815	814.55	816.61	1267638	1035171029	50618	770967	60.82
HCLTECH	EQ	12-01-2016	814.55	818	819	798.05	809.65	810.05	805.53	1157664	932537991.3	54962	683855	59.07
HCLTECH	EQ	13-01-2016	810.05	814.8	829.85	804.3	829	826.4	814.67	1579234	1286553554	54897	1017038	64.4
HCLTECH	EQ	14-01-2016	826.4	810.05	841.8	810.05	830.05	828.85	832.74	2540610	2115655504	56588	1688083	66.44
HCLTECH	EQ	15-01-2016	828.85	828.5	842	816	840.1	838.05	831.11	2285591	1899574647	48715	1625694	71.13
HCLTECH	EQ	18-01-2016	838.05	831.1	853.95	831.1	848	842.35	842.84	1887068	1590502540	51917	1163098	61.64
HCLTECH	EQ	19-01-2016	842.35	867	870	800	840	838.25	830.83	5309499	4411308303	126174	2150763	40.51
HCLTECH	EQ	20-01-2016	838.25	831.05	846	823	839	841.9	839.14	1988009	1668211022	76435	1164669	58.58
HCLTECH	EQ	21-01-2016	841.9	844	850.15	831.25	832.35	835.25	837.41	1674215	1402000392	68064	1091431	65.19
HCLTECH	EQ	22-01-2016	835.25	838	850.95	831.9	841	839.25	841.9	1009239	849675313	35195	601223	59.57
HCLTECH	EQ	25-01-2016	839.25	847.5	858.9	836.85	839.4	838.7	846.59	1095067	927069772.3	65774	605076	55.25
HCLTECH	EQ	27-01-2016	838.7	838	840.9	830.2	839	836	834.92	1100759	919046547.1	40394	708159	64.33
HCLTECH	EQ	28-01-2016	836	833	849.8	829.7	844.15	844.5	842.99	1600653	1349327833	35730	1031338	64.43
HCLTECH	EQ	29-01-2016	844.5	845.25	870	842.3	866.4	865.75	858.65	1917557	1646507010	34692	1345049	70.14

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Extract Table Using Examples

Load

Transform Data

Cancel



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19-12-2021

Dataset related to that table

- *Symbol – Indicates company's name (HCLTECH),*
- *Series – which type of share they hold.*
- *Date – when the trade happen.*
- *Prev close – previous day closing price.*
- *Open price – today's opening price.*
- *High price – today's high price.*
- *Low price – today's low price.*
- *Close price – today's closing price.*
- *Average price – average price has been calculated.*
- *Total trade – sum of trade(buy&sell).*

DEPENDENT FIELD:

- Prev Close
- Open Price
- High Price
- Low Price
- Last Price
- Average Price
- Turnover
- Total Trade Quantity
- % dly of Traded
Quantity

to add text

INDEPENDENT FIELD:

- Symbol
- Series
- Date
- Number of Trades
- Deliverable Quantity

HCL_NSE STOCK DATA



- ◆ Stacked Area Chart is used.
- ◆ Highest and Lowest Price compared by the Average Price.
- ◆ It is useful to Analyze the stable price of the stock

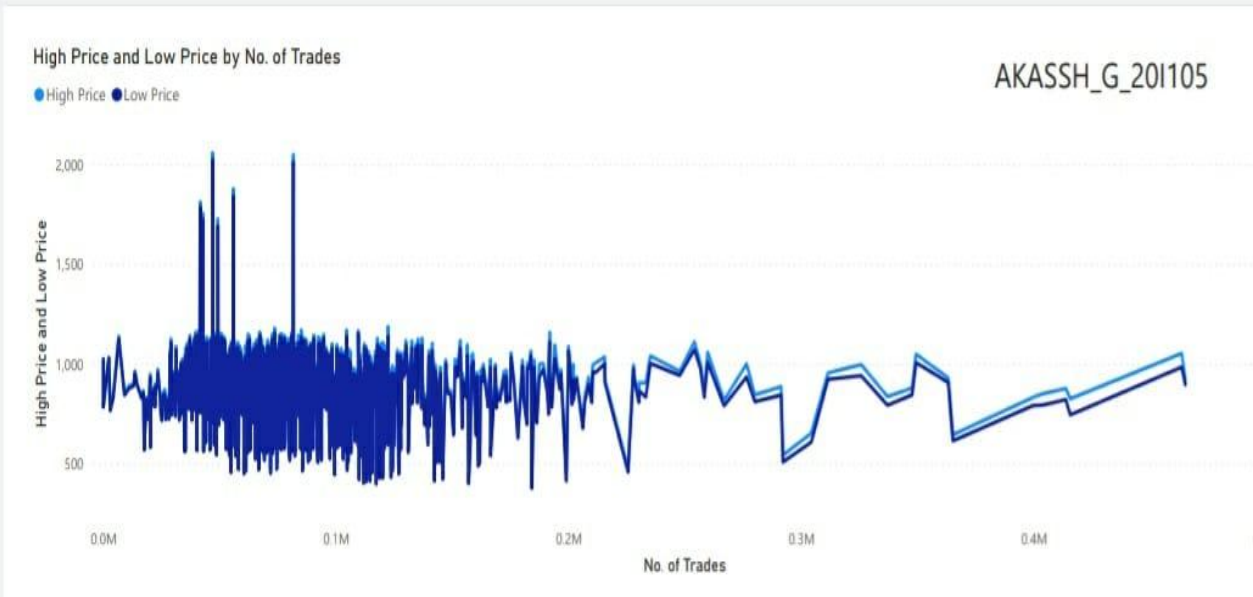
HCL_NSE STOCK DATA

- ❖ Pie chart is used in this situation.
- ❖ Open and Close of the stock price are compared using pie chart.



HCL_NSE STOCK DATA

- ◇ Line Chart is used in this visualization.
- ◇ Highest and Lowest Price are analyzed by the number of trades.



No. of Trades and Total Traded Quantity by No. of Trades



HCL_NSE STOCK DATA

- ❖ Area chart is used in this visualization.
- ❖ Total Traded Quantity is compared by the Number of Trades.

RESUL

T:

The basic idea of this analysis is to forecast the stock prices of future using HCL dataset.

By using various chart analysis we predicted stock prices for the future.

THANK YOU