

Python for Capital Market

S L	Parameter	Formula	Link
1.	DSE Market Indices a) DSEX b) DSES c) DS30 d) CDSET	1 st & 2 nd Column-Data of 1st and last day of a particular month 3 rd Column-Change (in value) = last day's value-1st day's value 4 th Column-Change (in %) = (last day's value-1st day's value)/ 1st day's value	https://dsebd.org/ https://dsebd.org/market_summary.php?startDate=2022-02-01&endDate=2022-02-28&archive=data (This link is given for an example of the month of February, 2022) a) DSEX https://dsebd.org/php_graph/monthly_graph_index.php?type=dseX&duration=1 b) DSES https://dsebd.org/php_graph/monthly_graph_index.php?type=dseS&duration=1 c) DS30 https://dsebd.org/php_graph/monthly_graph_index.php?type=ds30&duration=1 d) CDSET https://dsebd.org/php_graph/monthly_graph_index.php?type=cdset&duration=1
2.	Market Aggregates		
	a) Avg. Mkt. Capital	Summation of daily Market Cap in a month	https://dsebd.org/market_summary.php?startDate=2022-02-01&endDate=2022-02-28&archive=data (This link is given for an example of the month of February, 2022)

	(Tk. MN)	/ Total number of days in the month	
	b) Avg. Traded Value (Tk. MN)	Summation of daily Traded Value in a month / Total number of days in the month	https://dsebd.org/market_summary.php?startDate=2022-02-01&endDate=2022-02-28&archive=data (This link is given for an example of the month of February, 2022) https://dsebd.org/day_end_archive.php?startDate=2022-02-01&endDate=2022-02-28&inst=All%20Instrument&archive=data (This link is given for an example of the month of February, 2022)
	c) Avg. Number of Trades	Summation of daily Number of Trade in a month / Total number of days in the month	https://dsebd.org/market_summary.php?startDate=2022-02-01&endDate=2022-02-28&archive=data (This link is given for an example of the month of February, 2022) https://dsebd.org/day_end_archive.php?startDate=2022-02-01&endDate=2022-02-28&inst=All%20Instrument&archive=data (This link is given for an example of the month of February, 2022)
	d) Avg. Trade Volume	Summation of daily Trade Volume in a month / Total number of days in the month	https://dsebd.org/market_summary.php?startDate=2022-02-01&endDate=2022-02-28&archive=data (This link is given for an example of the month of February, 2022) https://dsebd.org/day_end_archive.php?startDate=2022-02-01&endDate=2022-02-28&inst=All%20Instrument&archive=data (This link is given for an example of the month of February, 2022)
3.	Sector Volume (%)	% of Volume = Volume of a particular sector/Total volume *Volume of a	https://www.dsebd.org/latest_share_price_scroll_by_ltp.php https://dsebd.org/day_end_archive.php?startDate=2022-02-01&endDate=2022-02-28&inst=All%20Instrument&archive=data (This link is given for an example of the month of February, 2022)

		particular Sector = Summation of the Volume of all listed firms of that Sector	
4.	AD ratio	Advance / Decline	https://www.dsebd.org/market-statistics.php
5.	Sector Returns (%)	<p>% of Return = Return of a particular sector/Total Return</p> <p>*Return of a particular Sector = Summation of the Return of all listed firms of that Sector</p> <p>* Return (Turnover) of a particular form = (Yesterday's Closing Price- Today's Closing Price) / Today's Closing Price</p>	<p>https://dsebd.org/dse_close_price.php</p> <p>https://www.dsebd.org/weekly_report.pdf</p>
6.	Sectoral PE Ratio	Value of PE Ratio sector wise	
7.	TOP 5		

a) Turnover # Name # Value # % Change	Top five Turnover firms: # % Change (last day's value-1st day's value)/ 1st day's value *Turnover (Return) of a particular form = (Yesterday's Closing Price- Today's Closing Price) / Today's Closing Price	https://dsebd.org/dse_close_price.php https://www.dsebd.org/weekly_report.pdf
b) Gainer # Name # Value # % Change	Top five Gainer firms: # % Change (last day's value-1st day's value)/ 1st day's value	Top Ten Gainer Considering Close Price & YCP (Last day of the month) https://dsebd.org/top_ten_gainer.php
c) Loser # Name # Value # % Change	Top five Loser firms: # % Change (last day's value-1st day's value)/ 1st day's value	Top Ten Loser Considering Close Price and YCP (Last day of the month) https://dsebd.org/top_ten_loser.php

*All parameters will be calculated monthly basis

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