

How does an exchange work - usons can sign up, sign in -> User needs to KYC/Connect their DGMAT -> Uson can place an order -> Limit _s Market order . Usor Can See -> their Balances -> their open orders.

Curious Questions to

How is the price of a stock determined

How is the poice of Real Estate determined.

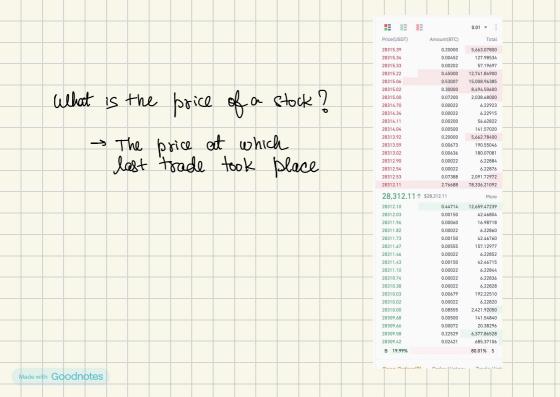
Ans - Supply / Demand.

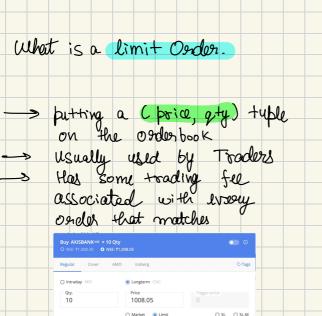
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	Understanding	the orderbook	
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			Indoavagoon, Bloc
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	uy	3.25	0.32%	1008.05
ORDERS	ERS QT	TY. OFFER	ORDERS	QTY.
6	6 6	6 1008.05	98	1735
2	2 2500	0.00	0	0
2	2 12500	0.00	0	0
0	0 (0.00	0	0
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0	0 (0.00	0	0
		0 Total		167
	∧ Vi	ew 5 depth		
		0		0 0 0.00 0 0 Total

			0.01 +	
	Price(USDT)	Amount(BTC)	Total	
	28315.39 28315.34	0.20000 0.00452	5,663.07800 127.98534	
	28315.33	0.00432	57.19697	
	28315.22	0.45000	12,741.84900	
	28315.06	0.53007	15,008.96385	
	28315.02	0.30000	8,494.50600	
	28315.00	0.07200	2,038.68000	
$Q + C = 12C + Q_0 + 1 + V$	28314.70	0.00022	6.22923	
BTC - US DT Orderbook	28314.34	0.00022	6.22915	
	28314.11	0.00200	56.62822	
	28314.04	0.00500	141.57020	
	28313.92	0.20000	5,662.78400	
	28313.59	0.00673	190.55046	
	28313.02	0.00636	180.07081	
	28312.90 28312.54	0.00022 0.00022	6.22884	
	28312.54	0.00022	2,091.72972	
	28312.53	2,76688	78,336.21092	
	28,312.11↑	\$28,312.11	More	
	28312.10	0.44714	12,659.47239	
	28312.03	0.00150	42.46804	
	28311.96	0.00060	16.98718	
	28311.82	0.00022	6.22860	
	28311.73	0.00150	42.46760	
	28311.67	0.00555	157.12977	
	28311.46	0.00022	6.22852	
	28311.43	0.00150	42.46715	
	28311.10 28310.74	0.00022	6.22844	
	28310.38	0.00022	6.22828	
	28310.03	0.00679	192.22510	
	28310.02	0.00022	6.22820	
	28310.00	0.08555	2,421.92050	
	28309.68	0.00500	141.54840	
	28309.66	0.00072	20.38296	
	28309.58	0.22529	6,377.86528	
	28309.42	0.02421	685.37106	
	B 19.99%		80.01% S	
Condentes				
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Target

Price(USDT) Amount(BTC) 28315.39 0.20000 5.663.07800 28315.34 0.00452 127.98534 28315.33 0.00202 57.19697 28315.22 0.45000 12,741.84900 28315.06 0.53007 15 008 96385 28315.02 0.30000 8 494 50600 28315.00 0.07200 2 038 68000 28314.70 0.00022 6 22923 28314.34 0.00022 6.22915 28314.11 0.00200 56.62822 28314.04 0.00500 141.57020 28313.92 0.20000 5.662.78400 28313.59 0.00673 190.55046 28313.02 0.00636 180.07081 28312.90 0.00022 6.22884 28312.54 0.00022 6.22876 28312.53 0.07388 2.091.72972 28312.11 2.76688 78.336.21092 28.312.11 ↑ \$28,312.11 More 28312.10 0.44714 12 659 67239 28312 03 0.00150 62 66806 28311 94 0.00040 16 98718 28311 82 0.00022 6.22860 28311.73 0.00150 42 44740 28311.67 0.00555 157 12977 28311.46 0.00022 6.22852 28311 43 0.00150 42.46715 28311 10 0.00022 6 22844 28310.74 0.00022 6 22836 28310.38 0.00022 6.22828 28310.03 0.00679 192.22510 28310.02 6.22820 0.00022 28310.00 0.08555 2.421.92050 28309.68 0.00500 141.54840 28309.66 0.00072 20.38296 28309.58 0.22529 6.377.86528 28309.42 0.02421 685.37106 B 19.99% 80.01% S

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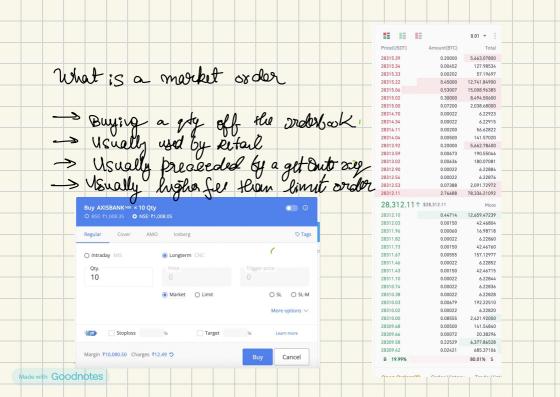
Margin ₹10,080.50 Charges ₹12.49 ℃

Stoploss %

Buy

Cancel

More options V



Liquidity/morbet Depth -> How many orders (price 19ty)
close the book here -> Can it boundle big orders → More liquidity = Better exchange → Morbet makers provide Liquidity.

maker 15 taker. -> The porson whose orders exist on the book is called a maker (hence market maker) -> The forcer who gets their order filled is called taker -> Taken fee is usually higher than maken fee blc terry take away liquidity from the book.

File Structure of an Enclage.

Trading
Spot & Ma

Promotional Rate 💍

Liquidity Program

Interest Rate

Rate

Deposit/Withdrawal

Spot & Margin USDS-M Futures COIN-M Futures Options Swap Farming NFT

Level	30d Trade Volume (BUSD)	and/or	BNB Balance	Maker / Taker 📵	Maker / Taker BNB 25% off
Regular User	< 10,00,000 BUSD	OF	≥ 0 BNB	0.1000% / 0.1000%	0.0750% / 0.0750%
VIP 1	≥ 10,00,000 BUSD	and	≥ 25 BNB	0.0900% / 0.1000%	0.0675% / 0.0750%
VIP 2	≥ 50,00,000 BUSD	and	≥ 100 BNB	0.0800% / 0.1000%	0.0600% / 0.0750%
VIP 3	≥ 2,00,00,000 BUSD	and	≥ 250 BNB	0.0420% / 0.0600%	0.0315% / 0.0450%
VIP 4	≥ 10,00,00,000 BUSD	and	≥ 500 BNB	0.0420% / 0.0540%	0.0315% / 0.0405%
VIP 5	≥ 15,00,00,000 BUSD	and	≥ 1,000 BNB	0.0360% / 0.0480%	0.0270% / 0.0360%
VIP 6	≥ 40,00,00,000 BUSD	and	≥ 1,750 BNB	0.0300% / 0.0420%	0.0225% / 0.0315%
VIP 7	≥ 80,00,00,000 BUSD	and	≥ 3,000 BNB	0.0240% / 0.0360%	0.0180% / 0.0270%
VIP 8	≥ 2,00,00,00,000 BUSD	and	≥ 4,500 BNB	0.0180% / 0.0300%	0.0135% / 0.0225%
VIP 9	≥ 4,00,00,00,000 BUSD	and	≥ 5,500 BNB	0.0120% / 0.0240%	0.0090% / 0.0180%

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Where does latency matter → Exchange * Order placement time A Time to fetch the order book A Realtime updates on the orderbook Trador * Order ack time * Derdon cancel time * Their Order priority.

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How is lateray made better for the Exchange -> Using faster programming language -> Faster serialization Desocialization of data In memosey Osberbooks How is latency made butter for a Trada (mm - Being closer to the trading server -> Having multiple conns open -> Faston serialization / pesorialization Made with Goodnotes> Fastor oracles | Prediction models.

Building an Enchange Onder Book. -> Lets write an orderbook in Node.js Usore can -> place Limit Orders -> If an order can be executed (portially or completely) it is filled -> Usons can query the depth chart -s User can get took thuir balance Assignment * Allow users to fitch quoties for market orders & Send a market order using the endpoint above.