

Data Science Assignment Report - Sonu Kumar (Detailed)

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Total trades analyzed: 211224

Unique accounts: 32

Overall average closed PnL: 48.7490

Overall win rate: 0.4113

Top coin by trade count: HYPE

Key notes:

- Data merged on date-only basis between trader timestamps and Fear/Greed sentiment dates.
- Some columns (e.g., leverage) may be missing or partially populated depending on dataset.

Aggregated metrics by Sentiment

	trades_count	unique_accounts	avg_closedPnL	median_closedPnL	std_closedPnL	win_rate	avg_trade_size	median_trade_size	
Extreme Fear	2326	20	1.891632	0.00000	76.727713	0.292777	4118.761840	599.120	NA
Extreme Greed	5621	22	205.816345	0.96048	1861.557119	0.553282	3242.085086	365.000	NA
Fear	13869	28	128.287950	0.00000	1342.348497	0.381787	5744.782685	703.880	NA
Greed	11292	29	53.988003	0.00000	1399.468182	0.435707	5051.878829	675.080	NA
Neutral	2756	16	27.088803	0.00000	142.945889	0.494920	4332.202906	411.810	NA
Unknown	175360	32	38.048303	0.00000	797.586837	0.407727	5786.517359	596.925	NA









