Crypto Weekly Report
(Portfolio Project)

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Developed a fully automated weekly reporting pipeline using top five crypto coins. Using CoinGecko api for coins data and PyTrends for Google trends information related to them. This project streamlines weekly KPI reports, generates visual insights, and delivers a structured PDF report directly via email.

KPI Summary Table

COIN	WEEKLY_RETURN_%	VOLATILITY	MAX_PRICE	MIN_PRICE	AVG_TRENDS	PRICE_TREND_CORR
BNB	16.9	76.1	1206.9	1013.9	16.8	0.5
BTC	8.9	4158.8	124393.1	113780.8	102.6	0.8
ETH	8.9	161.4	4598.3	4166.4	25.6	0.5
USDT	-0.0	0.0	1.0	1.0	15.1	0.2
XRP	3.7	0.1	3.0	2.9	37.9	0.2

Google Trends Interest (Daily Avg)

Weekly Return (%)

Weekly Volatility (Std Dev)

Correlation: Price vs Google Trends