

## Section 1: Top 50 Cryptocurrencies Overview

- The dataset contains the top 50 cryptocurrencies by market capitalization.
- The average price of the top 50 cryptocurrencies is: \$4290.33
- Highest Price Change (24h): Bitget Token with a 5.90% increase.
- Lowest Price Change (24h): Bittensor with a -9.79% decrease.

## Section 2: Top 5 Cryptocurrencies by Market Cap

- The top 5 cryptocurrencies based on market capitalization are:
  - Bitcoin (\$1,921,454,082,379.00)
  - Ethereum (\$409,591,734,435.00)
  - Tether (\$137,354,302,548.00)
  - XRP (\$133,295,059,229.00)
  - BNB (\$102,613,003,230.00)

## Section 3: Summary Insights

- Average Price (Top 50 Cryptos): \$4290.33
- Highest 24-hour Price Change: Bitget Token with 5.90%
- Lowest 24-hour Price Change: Bittensor with -9.79%

## Section 4: Statistical Insights (Descriptive Statistics)

- Top 50 Cryptos: Market Capitalization Summary:

```
count    5.000000e+01
mean     6.567527e+10
std      2.752061e+11
min      3.415941e+09
25%      4.258926e+09
50%      8.081192e+09
75%      1.443685e+10
max      1.921454e+12
Name: market_cap, dtype: float64
```

- Top 5 Cryptos: Market Capitalization Summary:

```
count    5.000000e+00
mean     5.408616e+11
std      7.817061e+11
min      1.026130e+11
25%      1.332951e+11
50%      1.373543e+11
75%      4.095917e+11
max      1.921454e+12
Name: market_cap, dtype: float64
```