<https://www.kaggle.com/cnic92/200-financial-indicators-of-us-stocks-20142018>

<https://www.kaggle.com/abdullahmu/big-five-stocks>

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| No. | Variable | Description |
| Solution 1 | | |
| 1 | Ticker | A unique sequence of characters used to represent a particular stock listed on an exchange. |
| 2 | Book Value per Share | Ratio of equity available to common stockholders divided by outstanding shares. |
| 3 | Price-to-earnings (PE) ratio | Ratio for valuing a company that measure its current share price relative to its per-share earnings(EPS) |
| 4 | Price-to-book (PB) ratio | Ratio that compares a company’s market value |
| 5 | Enterprise Value over EBITDA | Compare the value of a company, debt included, to the company’s cash earnings less non-cash expenses. EBITDA stands for ‘earnings before interest, taxes, depreciation, and amortization’. |
| 6 | Price Earnings to Growth Ratio | Stock's price-to-earnings (P/E) ratio divided by the growth rate of its earnings for a specified time period. |
| 7 | Return on Equity | Measure of financial performance calculated by dividing net income by shareholders' equity. |
| 8 | Asset Turnover | Measures the value of a company's sales or revenues relative to the value of its assets. |
| 9 | Dividend Yield | Amount of money a company pays its shareholders for owning a share of its stock divided by its current stock price. |
| 10 | Interest Coverage | The interest coverage ratio may be calculated by dividing a company's earnings before interest and taxes (EBIT) during a given period by the company's interest payments due within the same period. |
| 11 | Free Cash flow Yield | Financial solvency ratio that compares the free cash flow per share a company is expected to earn against its market value per share. |
| 12 | Earning Per Share Diluted Growth | Diluted EPS is the Profit of the company divided by the outstanding share taking into account convertible securities which shows the amount of net income per outstanding shares |
| 13 | Debt to Equity Ratio | The debt-to-equity (D/E) ratio is calculated by dividing a company’s total liabilities by its shareholder equity |
| 14 | Current Ratio | Current asset over current liabilities |
| 15 | Market Capitalisation (Market Cap) | Market capitalization refers to the [total dollar market value](https://www.investopedia.com/ask/answers/011215/what-difference-between-intrinsic-value-and-current-market-value.asp) of a company's outstanding [shares](https://www.investopedia.com/terms/s/shares.asp) of stock. It is calculated by multiplying the total number of a company's outstanding shares by the current market price of one share. |
| 16 | EBITDA Margin | Measure of a company's operating profit as a percentage of its revenue. |
| 17 | Profit Margin | A profitability ratio measuring the company’s bottom line. Net profit margin is calculated by dividing the [net income](https://www.investopedia.com/terms/n/netincome.asp) by [revenue](https://www.investopedia.com/terms/r/revenue.asp) realized over a given time period (annually). |
| 18 | Operating Cash Flow to Sales ratio | The ability a company is able to convert its sales into cash. It is calculated by using operating cash flow divided by the sales revenue. |
| 19 | Revenue Growth | The increase of revenue between prior year and current year. It is calculated by using calculating the percentage change in revenue. |
| 20 | Price Variation | The percent price variation of each stock for the year, computed from closing prices. To obtain the percent price variation: (price(end) - price(start)) / price(start) |
| 21 | Class | Computed from Price Variation. Class = 1 means Price Variation is positive, Class = 0 means Price Variation is negative. |
| Solution 2 | | |
| 22 | High | The highest price which the specific stock was traded at for the day. |
| 23 | Low | The lowest price which the specific stock was traded at for the day. |
| 24 | Open | The price at which the specific stock started trading at for the corresponding day. |
| 25 | Close | The price of the specific stock when the exchanges closes for the day. |
| 26 | Volume | The total number of stocks that were traded during the day for that specific company. |