

Data Analytics

Firstly, screen the companies and visualise them according to sub-sectors using a pie chart or a bar charts.

Secondly, visualise the companies by segregating them according to Market Cap in three categories: Large Cap(>20,000 crore), Mid Cap (5,000 to 20,000 crore) & Small Cap(<5,000).

Thirdly, pick 10 random companies from the entire group and visualise the following through a line chart

Find the Intrinsic Value of the company based on 3 cases of growth (g): Assume 3 Cases for g (Growth) : Good (15% Growth) ; Bad (-5% Growth); Best (25%Growth)

Visualise these 10 companies on a line chart for all 3 cases of growth going forward against its current market cap.

$$\text{💡 } V = (\text{EPS} * (8.5 + 2g) * 6) / Y$$

V : Intrinsic Value

EPS : The Company's last 12 month earnings per share

8.5 : The constant represents the appropriate P-E ratio for a no-growth company as proposed by Graham.

g : The company's long-term (five years) earnings growth estimate

6 : The average Return of FDs (6%)

Y : The current yield on AAA corporate bonds.