



INNOVATION. AUTOMATION. ANALYTICS

PROJECT ON

PERFORMANCE OF VARIOUS SECTOR
STOCKS IN THE FINANCIAL YEAR 2022

-BY
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ABOUT ME

OBJECTIVE OF THE PROJECT

- Analysis of different hand picked stocks from 20 sectors.
- Finding out the best performing sector by comparing with every other sector

Python libraries used

1. BeautifulSoup: Helps us to get HTML data from the website
2. Requests : Helps us to access the website
3. Pandas and Numpy : Used to creating and manipulating data
4. Matplotlib and seaborn : Used for visualization

Cleaned Dataset

In [48]:

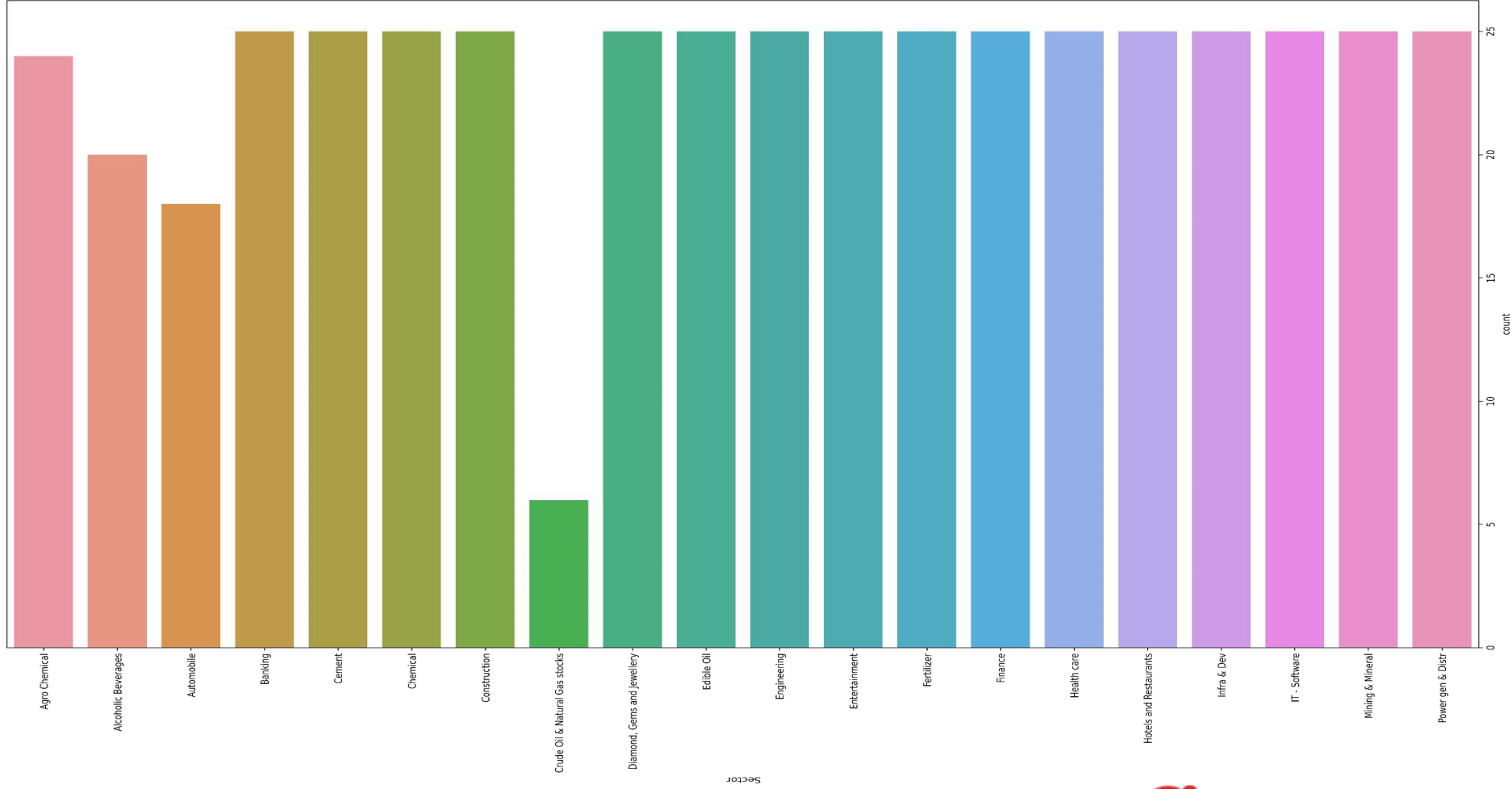
1 final_df

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Out[48]:

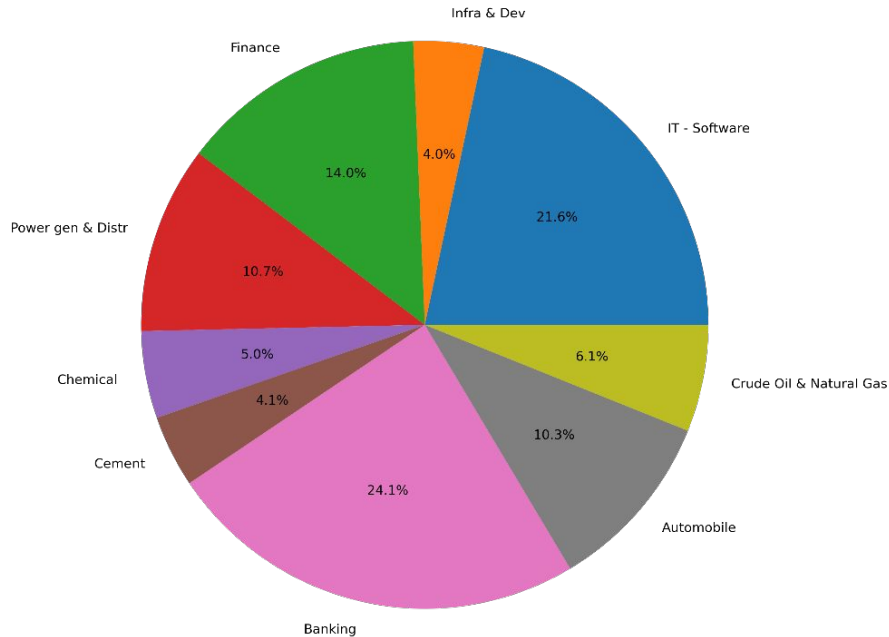
	Sector	Company name	CMP(Rs)	P/E	Mark cap/n(Rs.Cr)	Div yeild(%)	Np qtr(Rs.Cr)	qtr profit(%)	Sales qtr(Rs.Cr)	qtr sales var(%)	ROCE(%)
0	Agro Chemical	UPL	663.90	12.56	50740.04	1.51	1005.00	30.09	10821.00	27.08	15.58
1	Agro Chemical	P I Industries	2994.25	49.44	45435.00	0.20	262.40	40.17	1543.20	29.27	17.33
2	Agro Chemical	Sumitomo Chemi.	508.05	54.43	25364.16	0.20	138.41	30.40	985.53	26.11	33.69
3	Agro Chemical	Bayer Crop Sci.	4648.25	32.03	20887.32	0.54	302.60	19.27	1667.40	17.76	30.91
4	Agro Chemical	Bharat Rasayan	10899.15	25.26	4534.33	0.01	38.61	-1.30	327.40	30.02	28.42
...
463	Power gen & Distr	Waaree Renewab.	490.60	48.15	1021.18	0.10	9.93	508.64	95.03	237.11	26.41
464	Power gen & Distr	Orient Green	8.55	62.08	641.87	0.00	8.76	641.93	77.69	3.16	7.41
465	Power gen & Distr	K.P. Energy	409.65	15.83	455.33	0.24	9.87	386.21	123.87	511.40	32.90
466	Power gen & Distr	Solex Energy	313.50	253.33	250.80	0.05	NaN	NaN	NaN	NaN	4.30
467	Power gen & Distr	Sunedison Infra.	437.65	NaN	196.50	0.00	-4.95	58.42	15.28	44.83	-7.80

468 rows × 11 columns

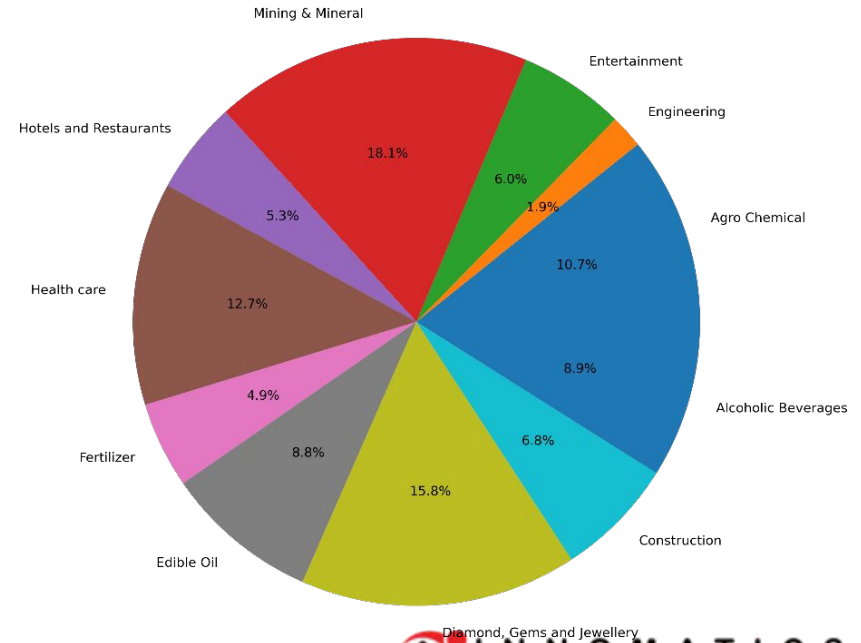


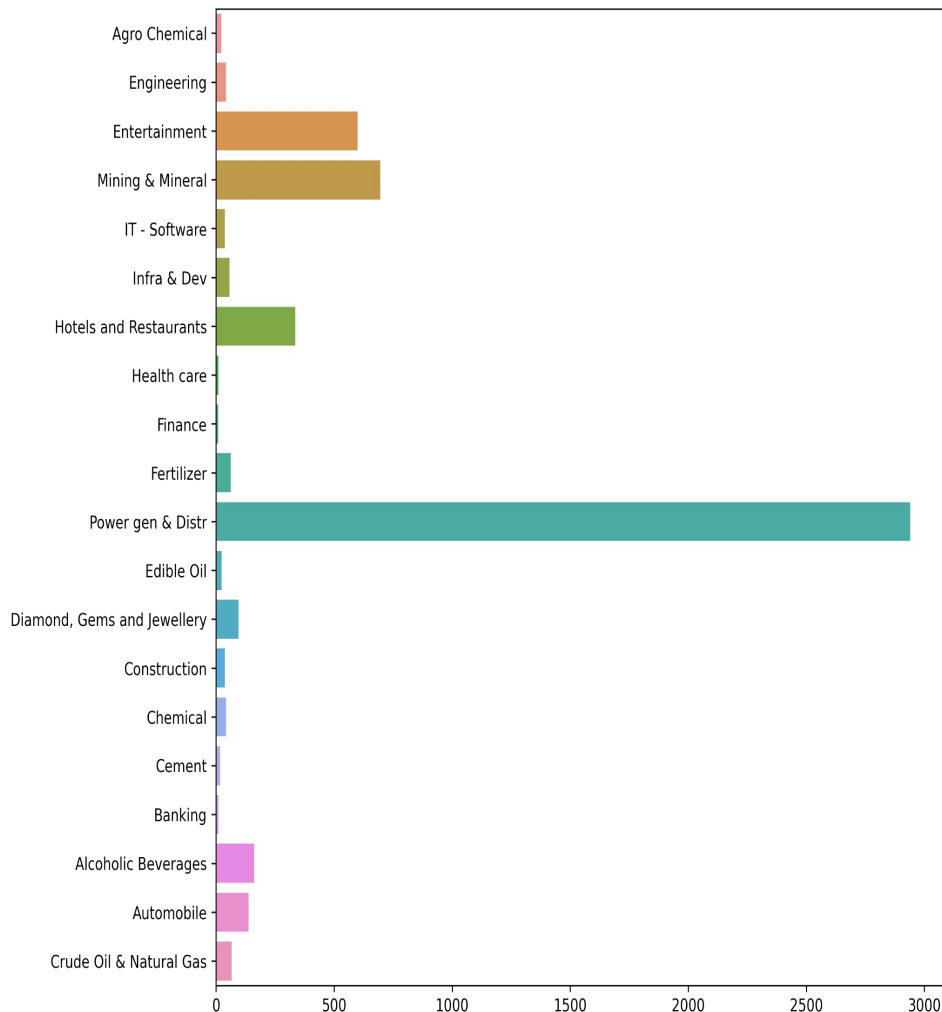
BASED ON CAPITAL

SECTORS WITH LARGE CAPITAL (i.e more than 20,000 Cr)



SECTORS WITH MEDIUM AND SMALL CAPITAL (i.e less than 20,000 Cr)





This graph shows us the variation in percentage (%) of sales of this quarter with previous quarter.

→ TOP PERFORMING SECTORS:

1. Power generation and Distribution (2939.4)
2. Mining and Mineral (695.4)

→ LEAST PERFORMING SECTORS:

1. Finance (8.5)
2. Health care (9.9)



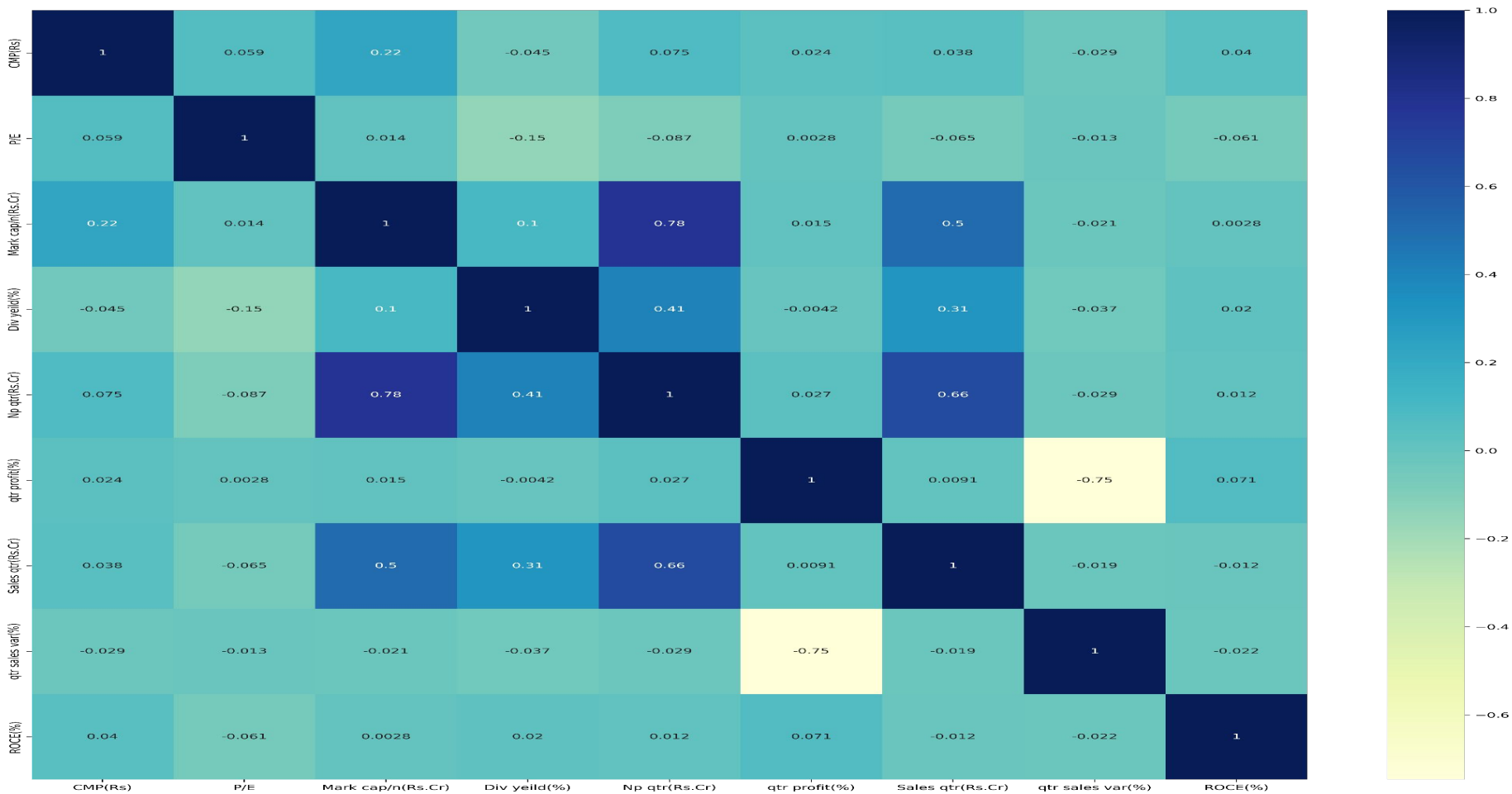
This graph shows us profit variation in percentage (%) of this quarter with respect to previous quarter.

→ TOP PERFORMING SECTORS:

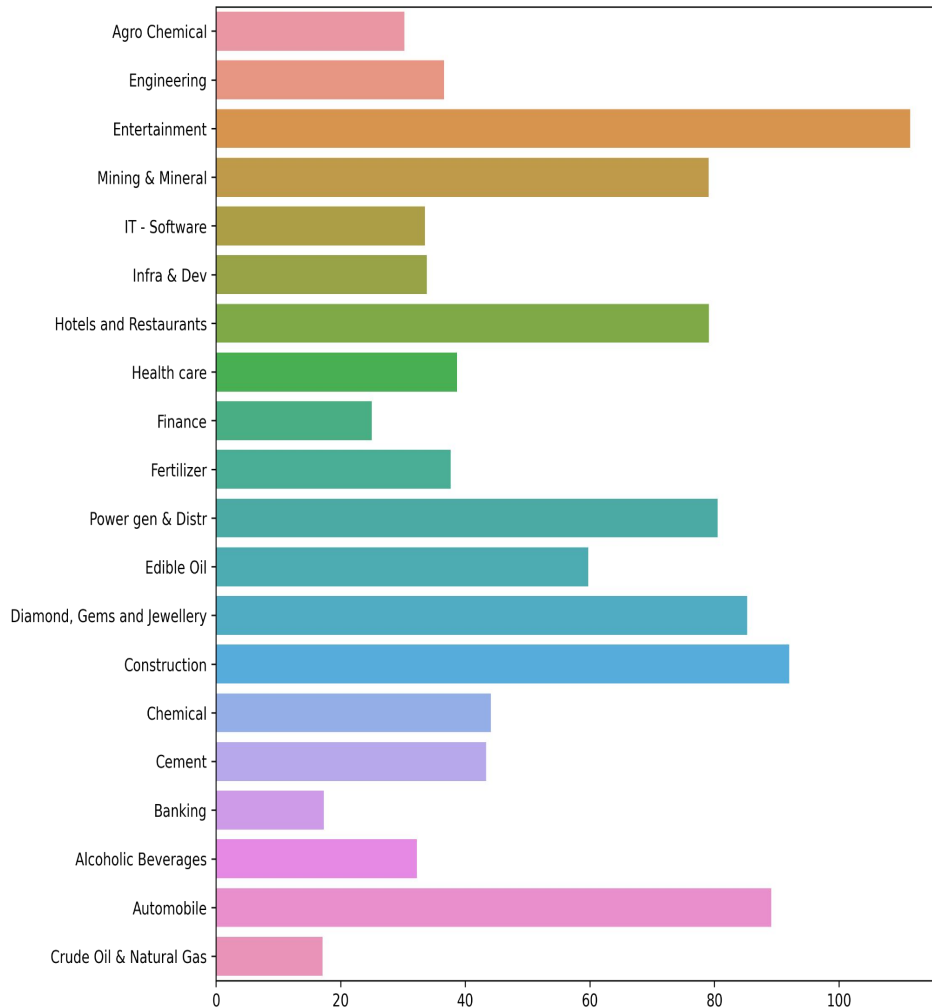
1. Automobile (804)
2. Diamonds, Gems and Jewellery (701.3)

→ LEAST PERFORMING SECTORS:

1. Power generation and Distribution (-641.5)
2. Cement (-71)



HEATMAP



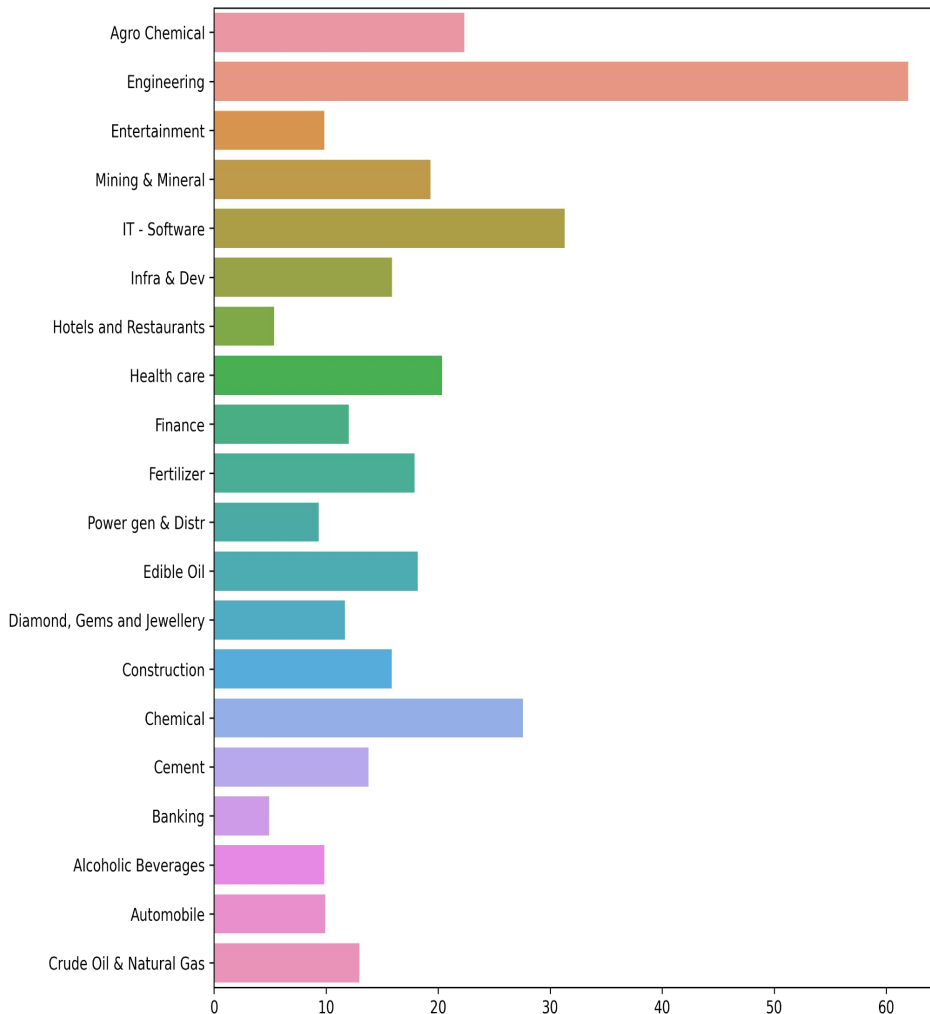
This graph shows us Profit / Earning ratio(s) for different sectors

→ TOP PERFORMING SECTORS:

1. Entertainment (111.4)
2. Construction (92)

→ LEAST PERFORMING SECTORS:

1. Crude Oil & Natural Gas (17.1)
2. Banking (17.2)



This graph shows us Return on Capital Employed (ROCE) between different sectors.

→ TOP PERFORMING SECTORS:

1. Engineering (61.9)
2. IT - Software (31.3)

→ LEAST PERFORMING SECTORS:

1. Banking(4.9)
2. Hotels and Restaurants (5.3)

CONCLUSION

→ Best performing sectors in FYO 2022 :

1. Engineering (ROCE : 61.9 & P/E: 36.6)
2. IT - Software (ROCE : 31.3 & P/E: 33.5)
3. Chemical (ROCE : 27.5 & P/E: 44.13)
4. Agro chemical (ROCE : 22.3 & P/E: 30.2)
5. Health care (ROCE : 20.3 & P/E : 38.6)

ANY QUESTIONS ?

THANK
YOU

