	Aayushi I	nternationa	al Interd	isciplinary Res	earch Journal (AI	IRJ)
VOL- XII	ISSUE- II	FEBRUARY	2025	PEER REVIEW e-JOURNAL	IMPACT FACTOR 8.379	ISSN 2349-638x
	Assessmen	t of the Finan No	cial Healtl ew RBI Pr	h of State Bank of •udential Norms 20 Shri V	India: An Analysis of 024 Dr.Sunita Hansr /enkatesh Mahavidyalaya Asso Email-sambawade8	f the aj Ambawade a , Ichalkaranji ciate Professor 35@gmail.com

Abstract

The research paper aims to assess the financial health of the State Bank of India (SBI) based on the newly introduced RBI Prudential Norms for 2024. The study evaluates SBI's performance by analyzing financial parameters, capital adequacy, asset quality, profitability, and liquidity, considering the evolving regulatory framework. The research uses secondary data from the financial reports of SBI from 2019-2020 to 2024. Various statistical tools of correlation tests has been used to evaluate the impact of these norms on SBI's financial health. **Keywords :** State Bank of India, Financial Health, RBI Prudential Norms, Capital Adequacy, Asset Quality, Profitability, Liquidity, Secondary Data, Statistical Analysis.

Introduction

he financial health of a banking institution is

critical to its long-term sustainability and growth. With the recent updates in the Reserve Bank of India's (RBI) Prudential Norms for 2024, there is a need to reassess the financial health of the State Bank of India (SBI), which is one of the largest public sector banks in India. These norms focus on capital adequacy, asset quality, liquidity, and the provisioning of bad loans. This paper will evaluate SBI's compliance with these new regulations and how it affects its overall financial position.

Statement of the Problem

The financial stability of the banking sector, especially the public sector banks, is crucial for the country's economy. The implementation of new RBI Prudential Norms has a significant impact on financial institutions. This research will analyze how these norms affect the financial health of SBI from 2019-2024, focusing on capital adequacy, asset quality, profitability, and liquidity.

Objective of the Study

- To evaluate the financial health of SBI postimplementation of RBI Prudential Norms 2024.
- To analyze the impact of these norms on capital adequacy, asset quality, profitability, and liquidity.

To assess the relationship between SBI's compliance with RBI norms and its financial performance.

Hypothesis Testing

- Null Hypothesis (H₀): There is no significant impact of the new RBI Prudential Norms 2024 on the financial health of SBI.
- Alternative Hypothesis (H₁): The new RBI Prudential Norms 2024 have a significant impact on the financial health of SBI.

Importance of the Study

The findings of this study will provide insights into the effects of new regulatory changes on one of India's largest public sector banks. It will help in understanding the adaptability of SBI to these norms and their effect on its financial health, which is essential for investors, policymakers, and stakeholders in the banking sector.

Research Methodology Data Collection Period

The data collection period for this study is span from the fiscal year 2019-20 to 2024.

Method of Data Collection

Secondary data is collected from publicly available financial reports, annual reports, and other relevant publications of the State Bank of India.

	Aayushi I	nternationa	l Interdis	ciplinary R	lesearc	h Jouri	nal (AIIR	J)	
VOL- XII	ISSUE- II	FEBRUARY	2025	PEER REVIEW e-JOURNAL	I II	MPACT FA 8.379	ACTOR 9	ISS 2349-6	N 38x
Research Descriptiv	Type e and Analytica	l Research.		3.	What is t and com	he relation bliance w	onship betwe vith RBI Pru	en profi	tability Norms
Statistical	Tools for Data	Analysis			for SBI?	P			
• Do de	escriptive Stat	istics: To sum	marize and ial data.	4.	4. How have liquidity ratios changed after the implementation of the new norms?				
• Co of va	the relation Ana riables.	between differ	the strength ent financial	Data A Variab	analysis T les	able: De	pendent an	d Indepo	endent
• Al co	NOVA (Anal mpare the mea	ysis of Vari ans of financia	iance): To Il indicators	Depend Variabl	ent e	Indepen	dent Variabl	les	
ac	ross different ye	ears.		Financi	al	Capital	Adequacy	Ratio,	NPA,

Review of Literature

- 1. Das, S. (2022) "The Impact of Prudential Norms on Public Sector Banks in India." Journal of Banking & Finance.
- 2. Kumar, R. (2021) "Capital Adequacy and Financial Stability of Indian Banks." International Journal of Finance.
- 3. Sharma, A. (2020) "Effectiveness of RBI Prudential Norms on Asset Quality and Profitability." Banking Review.
- 4. Verma, P. (2019) "The Role of Prudential Norms in Strengthening the Indian Banking Sector." Journal of Economic Policy.

Research Gap

Previous studies have mostly focused on the general impact of RBI Prudential Norms on public sector banks but have not specifically examined the impact on SBI post-2024. This study will fill this gap by focusing on SBI and its financial health under the new regulatory framework.

Useful Data for the Research Study

- Capital Adequacy Ratio (CAR) •
- Non-Performing Assets (NPA) •
- Profitability Ratios (ROA, ROE) •
- Liquidity Ratios (Current Ratio, Quick Ratio)
- Provisioning for Bad Loans
- Return on Assets (ROA) and Return on • Equity (ROE)

Research Questions for Data Analysis

- 1. What is the effect of the new RBI Prudential Norms on SBI's capital adequacy?
- 2. How have the norms impacted SBI's asset quality over the years?

Dependent Variable	Independent Variables
Financial	Capital Adequacy Ratio, NPA,
Performance	Provisioning for Bad Loans
Profitability (ROA, ROE)	Compliance with RBI Prudential Norms, Capital Adequacy, Liquidity Ratios
Asset Quality	Capital Adequacy, Provisioning,
(NPA Ratio)	Profitability Ratios
Liquidity	Capital Adequacy, NPA, Profitability,
(Current Ratio)	Provisioning

Level of Significance

The level of significance for hypothesis testing will be set at **0.05** (5%).

Table for Data Analysis as per RBI Norms

The table will present the compliance of SBI with key RBI Prudential Norms over the study period. It will include capital adequacy ratios, asset quality, NPA trends, and provisioning levels from 2019-2024.

Information Used

- 0 SBI Annual Reports (2019-2024)
 - **RBI** Guidelines and Prudential Norms (2024)
 - **Reports** from the Ministry of Finance (India)
 - **Banking Sector Publications**

Findings

Based on the data analysis and hypothesis testing using a paired t-test, the key findings are as follows:

- 1. Improvement in Profitability: There is a statistically significant increase in Return on Assets (ROA) over the years (t = 3.434, p =0.041), indicating better utilization of assets for generating income.
- 2. Increase in Return on Equity (ROE): The rise in ROE suggests improved shareholder

		Aayu	shi Int	erna	tional	Inte	erdiso	ciplinary	Res	earch	Journ	al (AI	IRJ)	
VOL- X	(11	ISSUE	- 11	FEBRU	ARY	2025	;	PEER REVI e-JOURNA	EW	IMF	PACT FAG 8.379	CTOR	IS 2349	SN -638x
3.	retu mai imp Net	urns, th rginally olying m t Intere	nough th above th noderate g st Margi	ne p-v ne sign growth n (NIN	value ((ificance /I): The	0.0529 thres chang) is hold, ges in	1	. En has op ⁻ ma	hancing 5 impr timizing 1nageme	g Asset oved, asset nt to sus	Utilizati SBI s alloca tain grow	ion: Whi should tion an vth.	le ROA continu d risl
	NIN sug mai	M are gesting nageme	not stabl nt.	statisti e i	cally nterest	signifi ino	cant, come	2	. In the fur	crease I cost-to ther cos	F ocus o o-income st-cutting	n Cost 1 e ratio g measur	Efficiency remains es or op	y: Sinc stable erationa
4.	Red (NH dec	duction PAs): (lined s	in N Bross and Significan	fon-Pend d Net atly, sl	rformin NPA 1 howing Gross N	ng A atios impr NPA)	ssets have oved	3	eff Str a s	iciencies r engther strong C npliance	s should 1 Capita AR will 2 and fut	be explo Il Adequ be cruc	red. 1 acy: Mai bial for re	ntainin gulator
5.	Caj sign	pital Anificant	Adequac change capital ma	y Ra e in anagen	tio (C CAR nent.	CAR): sug	No gests	liscip	Su Co eff	stain ntinuous	NPA s monite covery s	Redu oring of strategies	ction credit 1 s are nece	Efforts risk and essary to
6.	Cos stat ope	st-to-In istically crational	come Ra signifi effici <mark>e</mark> nc	t io: Tl cant, cy.	he chan indicati	ges are ing s	e not table	5	sus . En NI	stain the hancing M sho	decline i 5 Non- l ows no	in NPAs. Interest	Income	: Sinc
7.	Pro resu pro	ovision ults ind visionin	Coverage licate no lig coverage	ge Ra signi ge over	tio (P ficant i r time.	CR): ncreas	The se in	6	div inc 5. Im	versifying come car prove	g incom improv Shareho	e source e overall older V and im	s beyond profitabi alue: In	interes lity. creasing
Sugge	estion Bas mend	s sed on	these	finding	s, the	follo	wing	Per	ret	ention ca	an attract	t more in	proving vestors.	earning
N	Year	Basic	Diluted	Cash	Book	Thomas	Book	Value	Divide	nd/Share	Operati	ing	Net Profit/Sh	

Year	Basic EPS (Rs.)	Diluted EPS (Rs.)	Cash EPS (Rs.)	Book Value/Share (Rs.)	Book Value (Incl. Reval Reserve)/Share (Rs.)	Dividend/Share (Rs.)	Operating Revenue/Share (Rs.)	Net Profit/Share (Rs.)
Mar 24	68.44	68.44	72.19	391.83	422.70	13.70	465.15	68.44
Mar 23	56.29	56.29	59.98	335.98	367.08	11.30	372.12	56.29
Mar 22	35.49	35.49	39.13	287.64	313.84	7.10	308.65	35.49
Mar 21	22.87	22.87	26.59	258.05	284.47	4.00	297.10	22.87
Mar 20	16.23	16.23	19.94	233.34	259.96	0.00	288.33	16.23

Per Employee Ratios

Year	Interest Income/ Employee (Rs.)	Net Profit/Employee (Rs.)	Business/Employee (Rs.)
Mar 24	17,870,762.11	2,629,258.37	371,080,329.55
Mar 23	14,080,635.81	2,129,775.27	323,204,939.97
Mar 22	11,277,678.21	1,296,867.16	277,809,650.59
Mar 21	10,793,750.26	830,869.25	249,571,543.11
Mar 20	10,315,720.80	580,806.85	223,169,169.33

Per Branch Ratios

Year	Interest Income/Branch (Rs.)	Net Profit/Branch (Rs.)	Business/Branch (Rs.)
Mar 24	184,158,750.55	27,094,587.97	3,823,994,154.60
Mar 23	148,227,208.30	22,420,197.99	3,402,386,553.49
Mar 22	123,712,067.91	14,226,165.68	3,047,471,802.57
Mar 21	119,335,088.80	9,186,043.21	2,759,248,782.89
Mar 20	116,220,402.06	6,543,566.51	2,514,299,397.05

Email id's:- aiirjpramod@gmail.com Or aayushijournal@gmail.com website :- www.aiirjournal.com

Aayushi International Interdisciplinary Research Journal (AIIRJ)

	TOOLE IT	FEDDUADY	2025	PEER REVIEW	IMPACT FACTOR	ISSN
VOL- XII	15502-11	FEDRUART	2025	e-JOURNAL	8.379	2349-638x

Key Performance Ratios

Ye ar	RO CE (%)	CA SA (%)	Net Profi t Mar gin (%)	Operat ing Profit Margi n (%)	Retu rn on Asse ts (%)	Retu rn on Equi ty (%)	Net Inter est Mar gin (X)	Cost to Inco me (%)	Interest Income/ Total Assets (%)	Non- Interest Income/ Total Assets (%)	Operati ng Profit/T otal Assets (%)	Operating Expenses/ Total Assets (%)	Interest Expenses/ Total Assets (%)
Ma r 24	1.47	39.8 9	14.71	28.86	0.98	17.4 6	2.58	59.01	6.71	0.83	0.15	2.02	4.13
Ma r 23	1.59	42.6 6	15.12	27.68	0.91	16.7 5	2.62	53.86	6.01	0.66	0.24	1.77	3.39
Ma r 22	1.42	44.5 1	11.49	19.64	0.63	12.3 3	2.42	57.91	5.52	0.81	-0.17	1.87	3.10
Ma r 21	1.64	45.3 9	7.69	13.23	0.45	8.86	2.44	53.59	5.84	0.95	-0.50	1.82	3.40
Ma r 20	1.79	44.2 2	5.63	10.10	0.36	6.95	2.48	52.45	6.51	1.14	-0.77	1.90	4.02

Valuation Ratios

Year	Enterprise Value (Rs. Cr)	EV Per Net Sales (X)	Price To Book Value (X)	Price To Sales (X)	Retention Ratios (%)	Earnings Yield (X)
Mar 24	5,960,162.28	14.36	1.92	1.62	79.98	0.09
Mar 23	5,137 <mark>,207.2</mark> 9	15.47	1.56	1.41	79.92	0.11
Mar 22	4,660,058.65	16.92	1.72	1.60	79.99	0.07
Mar 21	4,210,541.48	15.88	1.41	1.23	82.50	0.06
Mar 20	3,565,310.84	13.86	0.84	0.68	100.00	0.08

(Source: Dion Global Solutions)

To test the hypothesis regarding the impact of the new RBI Prudential Norms 2024 on the financial health of SBI, calculation of **paired t-test** using financial ratios before and after the implementation of the norms. :

Hypothesis:

- Null Hypothesis (H₀): There is no significant impact of the new RBI Prudential Norms 2024 on the financial health of SBI.
- Alternative Hypothesis (H₁): The new RBI Prudential Norms 2024 have a significant impact on the financial health of SBI.

Steps for Statistical Testing:

- Identify Key Financial Indicators: Use financial metrics such as Capital Adequacy Ratio, NPA Ratio, ROA, ROE, Net Profit Margin, CASA Ratio, and Liquidity Ratio before (2020-21 to 2022-23) and after (2023-24) the implementation of the norms.
- 2. Statistical Test Selection:

Paired t-test: If comparing pre- and post-norms financial ratios.

Calculation of Mean Differences & Statistical Significance: Conduct the test at 5% significance level ($\alpha = 0.05$) to determine if the impact is significant.

Comparison of RBI NORMS with five years

Metric	FY 2019-20	FY 2020- 21	FY 2021- 22	FY 2022- 23	FY 2023- 24	RBI Revised Norms for Private Banks
Return on Assets (ROA)	0.38%	0.48%	0.67%	0.96%	1.04%	Banks are expected to maintain a minimum ROA of 1% to ensure profitability and efficient asset utilization.
Return on Equity (ROE)	7.74%	9.94%	13.92%	19.43%	20.32%	While the RBI doesn't specify a minimum ROE, a higher ROE indicates better profitability and efficient use of shareholders' equity.
Net Interest Margin (NIM)	2.97%	3.04%	3.12%	3.37%	3.28%	A healthy NIM typically ranges between 2.5% and 3.5%. The RBI encourages banks to maintain NIM within this range to ensure adequate interest income relative to interest expenses.
Gross NPA	6.15%	4.98%	3.97%	2.78%	2.24%	The RBI mandates banks to keep Gross NPA ratios

Email id's:- aiirjpramod@gmail.com Or aayushijournal@gmail.com website :- www.aiirjournal.com

Page No. 11

	Aayusiii internationar interdiscipiinary Research Journal (AIIRJ)											
VOL- XII	ISSUE- II	FEBRUARY		2025	PEER REVIEV e-JOURNAL	N IMPACT FACTOR ISSN 8.379 2349-638x						
Ratio						below 5% to ensure asset quality.						
Net NPA Ratio	2.23%	1.50%	1.02%	0.67%	0.57%	A Net NPA ratio below 2% is considered acceptable.						
Capital Adequacy Ratio (CAR)	13.06%	13.74%	13.83%	14.68%	14.28%	As per Basel III norms, which the RBI enforces, banks are required to maintain a minimum CAR of 10.875%, including capital conservation buffers.						
Cost-to- Income Ratio	52.46%	53.60%	53.31%	53.87%	55.66%	While the RBI doesn't set a specific benchmark, a lower cost-to-income ratio indicates better efficiency. Banks typically aim for a ratio below 50%.						

91.89%

91.91%

Ratio (PCR) Inferences 83.62%

Provision

Coverage

RBI Norms: The Reserve Bank of India sets • regulatory norms to ensure the stability and efficiency of the banking sector. These norms are periodically revised to adapt to changing economic conditions and international standards.

87.75%

90.20%

- SBI's Performance: Over the past five fiscal years, SBI has shown improvement in key financial metrics, aligning well with or surpassing the RBI's prescribed norms. Notably, the bank's Gross and Net NPA ratios have declined significantly, indicating better asset quality. Additionally, the Return on Assets (ROA) and Return on Equity (ROE) have shown an upward trend, reflecting enhanced profitability.
- Capital Adequacy: SBI's Capital Adequacy Ratio (CAR) has consistently remained above the RBI's minimum requirement, indicating a strong capital base to absorb potential losses.
- Efficiency Metrics: While the Cost-to-Income Ratio has seen a slight increase, it remains within a manageable range. The Provision Coverage Ratio (PCR) is well above the recommended 70%, showcasing prudent provisioning practices.

Overall, SBI's financial indicators from FY 2019-20 to FY 2023-24 reflect a robust and improving financial position, adhering to the regulatory standards set by the RBI.

Hypothesis Testing

- Null Hypothesis (H₀): There is no significant difference in financial performance over the years.
- Alternative Hypothesis (H₁): There is a difference significant in financial performance over the years.

Paired t-test on key financial ratios:

- 1. **Return on Assets (ROA)**
- 2. **Return on Equity (ROE)**
- Net Interest Margin (NIM) 3.
- 4. Gross NPA Ratio
- **Net NPA Ratio** 5.
- 6. Capital Adequacy Ratio (CAR)

The RBI recommends a PCR of at least 70% to ensure

adequate provisioning against potential NPAs.

- 7. Cost-to-Income Ratio
- 8. **Provision Coverage Ratio (PCR)**

Now, let's perform the **t-test** on these metrics.

t-Test Results & Interpretation

The t-test on the basis key financial metrics of SBI over the period 2019-20 to 2023-24.

Metric	t-	p-	Interpretation ($\alpha = 0.05$)				
	Statistic	Value	2				
ROA	-3.43	0.0414	Significant (p < 0.05) \rightarrow				
(%)			Improvement in ROA over time.				
ROE	-3.11	0.0529	Marginally Significant (p ~				
(%)		/	$0.05) \rightarrow$ Increasing trend in				
		(R)	ROE.				
NIM	-1.12	0.3458	Not Significant $(p > 0.05) \rightarrow No$				
(%)			major change in NIM.				
Gross	6.46	0.0075	Highly Significant $(p < 0.01) \rightarrow$				
NPA	1		Significant reduction in NPAs.				
(%)) '		1					
Net	3.16	0.0509	Marginally Significant (p ~				
NPA			$(0.05) \rightarrow \text{Decrease in Net NPA.}$				
(%)							
CAR	-1.07	0.3643	Not Significant $(p > 0.05) \rightarrow No$				
(%)			major change in CAR.				
Cost-	-1.81	0.1678	Not Significant $(p > 0.05) \rightarrow No$				
to-			major efficiency change.				
Income							
(%)							
PCR	-2.40	0.0956	Not Significant $(p > 0.05) \rightarrow No$				
(%)			significant change in				
			provisioning.				

Conclusion

- ROA and Gross NPA have shown significant improvements, indicating enhanced profitability and asset quality.
- and Net NPA are borderline ROE significant, suggesting a positive trend in shareholder returns and asset quality.

Aayushi International Interdisciplinary Research Journal (AIIRJ)										
VOL- XII	ISSUE- II	FEBI	RUARY	2025	PEER REVIEW e-JOURNAL	IM IM	PACT FACTOR 8.379	ISSN 2349-638x		
 Other metrics (NIM, CAR, Cost-to- Income, PCR) do not show statistically significant changes. Data for ROA (%) 				$\begin{array}{r} 4-1 \\ \text{S.D.} = \sqrt{0.0277} \\ 3 \end{array}$						
We have]	ROA values for 5	years	3:		=\sqrt{0.00}	9235				
Year F			A (%)		SD≈0.0	961				
2019-20		0.38			Step 5:	Compute	t-Statistic			
2020-21		0.48		The pai	red t-test fo	ormula is:				
2021-22	2 2 0.67			$t = \underline{D}$						
2022-23	0.96			SD/\sqrt{n}						
2023-24 1.04				where:						
Let's define:					D=0.165					
• X1,X2,,Xn = ROA values for each year.					• SD=0.0961					
• We calculate the differences Di=Xi+1-Xi				•	n=4					
between consecutive years.				t= <u>0.165</u>						
Computation of Differences (Di)				0.0961/	$\sqrt{4}$	25				
Di=Xi+1-Xi			2		t= <u>0.16</u>	<u>5</u>				
Year Pair	r // 2	RO	A Differen	ce (Di)	0.0961/	2	3			
2020-21 -	2019-20	0.48	-0.38=0.10	0	t=3.434		5			
2021-22 -	2020-21	0. <mark>67</mark>	-0.48=0.19	9	Step 6:	Find p-Va	lue			
2022-23 -	2021-22	0.96	-0.67 = 0.29	9	Using a	a t-distribut	ion table for d	f = n-1 = 3 degrees		
2023-24 -	2022-23 2	1.04	-0.96=0.08	8	of freed	lom:	2			
Thus, the	differences (D) a	re:			•	t = 3.434 a	at df = 3 gives a	ιp -value ≈ 0.041 .		
D=[0.10,0).19,0.29,0.0 <mark>8</mark>] 🥖				Step 7: Conclusion					
Step 3: Compute Mean of Differences (D ⁻)				• p-value = 0.041 (which is less than 0.05).						
The mean of differences is:				•	• Reject the null hypothesis (H_0) .					
$D^{-}=\underline{\sum Di}$				• Conclusion: Inere is a significant						
$n = 0.10 \pm 0.1$	0 1 0 20 1 0 08		T		Interpretation: This manual calculation confirms					
= 0.10 + 0.19 + 0.29 + 0.08				that SBI's ROA has improved significantly over						
=0.66					349 the yea	rs	nas improved	significantly over		
4					the yea	15				
=0.165			hu		Finding	no s				
Step 4: Compute Standard Deviation of Based on the data analysis and hypothesis test								d hypothesis testing		
Differences (SDS_DSD)					using a paired t-test, the key findings are as follows:					
The standard deviation is given by:			1.	Improven	nent in Profit	ability: There is a				
$SD = \sum (Di - D^{-})2$				statisticall	y significant in	crease in Return on				
Ν				Assets (Re	DA) over the y	ears ($t = 3.434, p =$				
Di	Di-D-		(Di-D ⁻)2			0.041), in	dicating better	utilization of assets		
0.10	0.10-0.165=-0.	.065	(-0.065)2	=0.004225	_	for genera	ting income.			
0.19	0.19-0.165=0.025		5 (0.025)2=0.000625		2.	Increase i	n Return on	Equity (ROE): The		
0.29	0.29-0.165=0.1250		50 (0.125)2=0.015625			rise in RC	DE suggests in	iproved shareholder		
0.08 0.08-0.165=-0.085 (-0.085)2=0.0		=0.007225		returns, t	nougn the p-	\cdot value (0.0529) is				
Summing the squared differences:			I	implying	auove me sig	hinicance inresnoid,				
$\sum (Di-D^{-})^{2}$			3	Net Inter	noucrate growt ost Margin (NI	u. M· The changes in				
$=\!0.004225\!+\!0.000625\!+\!0.015625\!+\!0.007225\!=\!0.0277$			5.	NIM are	e not statis	tically significant				
$SD = \sqrt{0.0277}$					ulv		in any digititiount,			
	- Empilial's		vamed@-	mail com		mal@amai	l com	Dogo No.		
	Email IO'S:	- anrj	website	:- www.aiir	journal.com	mai@gmai	i.com	Page No. 13		

website :- www.aiirjournal.com

VOL- XIIISSUE- IIFEBRUARY2025PEER REVIEWIMPACT FACTORISSNe-JOURNAL8.3792349-638x	ĸ
--	---

suggesting stable interest income management.

- Reduction in Non-Performing Assets (NPAs): Gross and Net NPA ratios have declined significantly, showing improved asset quality (p < 0.01 for Gross NPA).
- 5. Capital Adequacy Ratio (CAR): No significant change in CAR suggests consistent capital management.
- Cost-to-Income Ratio: The changes are not statistically significant, indicating stable operational efficiency.
- 7. **Provision Coverage Ratio (PCR):** The results indicate no significant increase in provisioning coverage over time.

Suggestions

- 1. Enhancing Asset Utilization: While ROA has improved, SBI should continue optimizing asset allocation and risk management to sustain growth.
- 2. Increase Focus on Cost Efficiency: Since the cost-to-income ratio remains stable, further cost-cutting measures or operational efficiencies should be explored.
- 3. Strengthen Capital Adequacy: Maintaining a strong CAR will be crucial for regulatory compliance and future expansions.
- 4. Sustain NPA Reduction Efforts: Continuous monitoring of credit risk and effective recovery strategies are necessary to sustain the decline in NPAs.
- 5. Enhancing Non-Interest Income: Since NIM shows no significant changes, diversifying income sources beyond interest income can improve overall profitability.
- 6. **Improve Shareholder Value:** Increasing dividend payouts and improving earnings retention can attract more investors.

Conclusion

The statistical analysis confirms that SBI has shown significant improvements in key financial performance indicators, especially profitability and asset quality. The reduction in NPAs and improvement in ROA highlight SBI's effective financial management. However, areas like cost efficiency and capital adequacy require strategic focus.

Future research could explore sector-wide trends by comparing SBI's performance with other private banks in India, aligning with RBI's revised norms. Additionally, employing advanced financial modeling techniques may provide deeper insights into long-term growth patterns.

References

- Reserve Bank of India (2024). "Revised Guidelines on Capital Adequacy and Asset Quality." RBI Circular No. DBR.BP.BC.10/21.06.001/2024-25.
- State Bank of India (2024). "Annual Report 2023-24." Retrieved from https://sbi.co.in
- Gujarati, D. N. (2020). "Basic Econometrics" (5th ed.). McGraw Hill.
- Wooldridge, J. M. (2021). "Introductory Econometrics: A Modern Approach." Cengage Learning.