



# **Mohammad Vohra**

PRN : 22070243055 Subject : Data Driven

Course : DSSA Governence

# **Indicators of Macro-economics**

#### Macroeconomics:

Macroeconomic factors refer to the broader economic conditions that affect the overall performance of an economy. These factors include gross domestic product (GDP), inflation, unemployment, interest rates, and trade balances. They also include government policies such as fiscal and monetary policy, as well as external factors such as global economic conditions and natural disasters. Macroeconomic factors play a crucial role in determining the overall health and growth of an economy, and are closely watched by policymakers, investors, and businesses.

#### Indicators:

- Certificates of Deposit (CDs):
  - CDs are a type of savings instrument offered by banks and other financial institutions, typically with a fixed term and a fixed interest rate. They are considered a reliable indicator of the level of confidence in the banking system and the overall health of the economy.
- Non-Food Credit:
  - This indicator measures the amount of credit extended by banks and financial institutions for non-agricultural purposes, such as for industry and services. It is considered an important indicator of economic growth and development.
- Investment in India:
  - This indicator measures the level of investment in the Indian economy, including both foreign and domestic investment. It is a key indicator of the level of confidence in the economy and the level of economic growth.
- Aggregate Deposits:

This indicator measures the total amount of deposits held by banks and other financial institutions. It is considered an important indicator of the level of savings and liquidity in the economy.

#### Bank Credit:

This indicator measures the amount of credit extended by banks and financial institutions. It is considered an important indicator of the level of lending and investment in the economy.

#### Credit Deposit Ratio:

This indicator is the ratio of credit extended by banks and financial institutions to the total deposits held by them. It is considered an important indicator of the level of liquidity in the banking system and the overall health of the economy.

#### M3:

M3 is a measure of money supply in an economy, which includes M2 (cash, checking deposits and time deposits) and other liquid assets such as short-term repurchase agreements and larger time deposits in banks. M3 is considered as a broader measure of money supply than M2.

#### **Dataset**

Dataset: macroeconomics.csv

Source: <a href="https://dbie.rbi.org.in/DBIE/dbie.rbisite=home">https://dbie.rbi.org.in/DBIE/dbie.rbisite=home</a>

Size: 138 x 10

#### **Description of "Sheet 1"**

The trends of Aggregate Desposits ( Crore), Bank Credit ( Crore), Cash Deposit Ratio (), Certificates of Deposit (Amount Outstanding) ( Crore), Credit Deposit Ratio (), Food Credit ( Crore), Investment In India ( Crore), M3 ( Crore), Non Food Credit ( Crore) and Number of Records for Period Year. Color shows details about Aggregate Desposits ( Crore), Bank Credit ( Crore), Cash Deposit Ratio (), Certificates of Deposit (Amount Outstanding) ( Crore), Credit Deposit Ratio (), Food Credit ( Crore), Investment In India ( Crore), M3 ( Crore), Non Food Credit ( Crore) and Number of Records. The view is filtered on sum of Aggregate Desposits ( Crore), which keeps all values.

#### **Marks**

The mark type is Line (Automatic). Stacked marks is off.

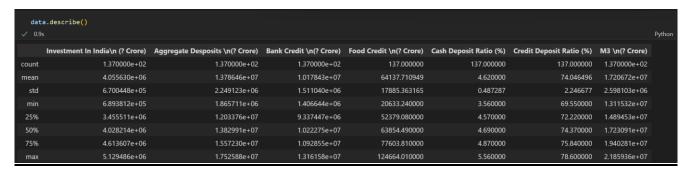
#### **Shelves**

**Rows:** Measure Values **Columns:** Year of Period

Filters: Aggregate Desposits (Crore), Measure Names

**Color:** Measure Names

#### **Data Statistics:**



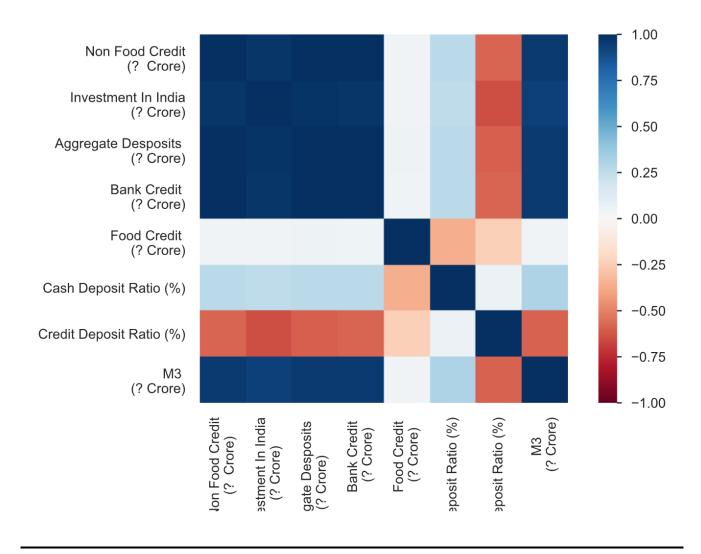
#### **Data Sample:**



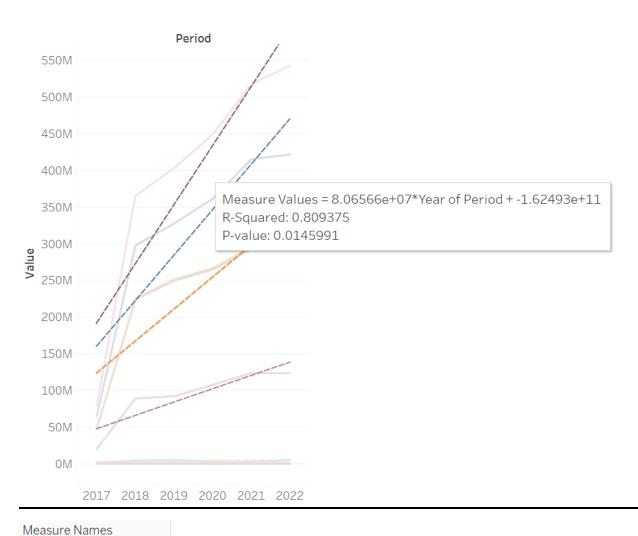
#### **Dataset statistics**

Number of variables	10
Number of observations	137
Missing cells	0
Missing cells ()	0.0
Duplicate rows	0
Duplicate rows ()	0.0
Total size in memory	10.8 KiB
Average record size in memory	80.9 B
Variable types	
Categorical	2
Numeric	8

# Correlations



# **Analysis**



# Aggregate Desposits .. Bank Credit (? Crore) Cash Deposit Ratio (%) Certificates of Deposi.. Credit Deposit Ratio (.. Food Credit (? Crore) Investment In India (?.. M3 (? Crore) Non Food Credit (? Cr.. Number of Records

#### **Trend Lines Model**

A linear trend model is computed for Measure Values given Period Year. The model may be significant at  $p \le 0.05$ . The factor Measure Names may be significant at  $p \le 0.05$ .

**Model formula:** Measure Names\*( Year of Period + intercept )

**Number of modeled observations: 60** 

**Number of filtered observations:** 0

**Model degrees of freedom:** 20

Residual degrees of freedom (DF): 40

**SSE** (sum squared error): 7.1617e+16

MSE (mean squared error): 1.79042e+15

**R-Squared:** 0.954552

**Standard error:** 4.23134e+07

**p-value (significance):** < 0.0001

**Analysis of Variance:** 

 Field
 DF
 SSE
 MSE
 F
 p-value

 Measure Names
 18
 1.3960442e+18
 7.7558e+16
 43.3182
 < 0.0001</td>

**Individual trend lines:** 

Panes Color		<b>Line</b> Coefficients							
Row	Colum n	Measure Names	<u>p-</u> <u>valu</u> <u>e</u>	<u>D</u> <u>F</u>	Ter m	<u>Value</u>	StdEr r	<u>t-</u> <u>valu</u> <u>e</u>	<u>p-</u> <u>valu</u> <u>e</u>
Measur e Value s	Year of Period	Number of Records	0.14 8009	4	Yea r of Peri od	2.942 86	1.644 37	1.78 966	0.14 8009
					inte rcep	- 5920.	3320. 8	- 1.78	0.14 92

					t	27		278	
Measur e Value s	Year of Period	Non Food Credit ( Crore)	0.02 8702 8	4	Yea r of Peri od	4.349 16e+0 7	1.300 21e+0 7	3.34 497	0.02 8702 8
					inte rcep t	8.760 03e+1	2.625 77e+1 0	- 3.33 617	0.02 8938 7
Measur e Value s	Year of Period	M3 (Crore)	0.01 4599 1	4	Yea r of Peri od	8.065 66e+0 7	1.957 15e+0 7	4.12 112	0.01 4599 1
					inte rcep t	1.624 93e+1 1	3.952 47e+1 0	- 4.11 118	0.01 4718
Measur e Value s		Investment In India ( Crore )	0.01 9513 1	4	Yea r of Peri od	1.818 06e+0 7	4.815 52e+0 6	3.77 541	0.01 9513 1
					inte rcep t Yea	3.662 3e+10	9.724 95e+0 9	- 3.76 588	0.01 9674 4
Measur e Value s	Year of Period	Food Credit ( Crore)	0.25 5613	4	r of Peri od	18148 6	13690 9	1.32 559	0.25 5613
					inte rcep t	3.650 47e+0 8	2.764 88e+0 8	1.32 03	0.25 7217
Measur e Value s	Year of Period	Credit Deposit Ratio ()	0.19 0536	4	Yea r of Peri od	202.8 99	128.8 83	1.57 429	0.19 0536
					inte rcep t Yea	- 40806 3	26027 9	- 1.56 779	0.19 2001
Measur e Value s		Certificates of Deposit (Am ount Outstanding) ( Crore)	0.45 968	4	r of Peri od	38684 9	47336 9	0.81 722 4	0.45 968
					inte rcep t	7.777 46e+0 8	9.559 7e+08	- 0.81 356 7	0.46 1547
Measur e Value	Year of Period	Cash Deposit Ratio ()	0.12 8732	4	Yea r of	14.42 74	7.553 25	1.91 01	0.12 8732

Measur e Value s	Year of Period	Bank Credit ( Crore)	0.02 9091 2	4	Peri od inte rcep t Yea r of Peri od	29030 .7 4.367 31e+0	15253 .8 1.311 29e+0 7	1.90 318 3.33 053	0.12 9762 0.02 9091 2
					inte rcep t	8.796 53e+1	2.648 16e+1 0	- 3.32 176	0.02 9330 4
Measur e Value s	Year of Period	Aggregate Desposits ( Cror e)	0.02 0184 1	4	Yea r of Peri od	6.203 09e+0 7	1.660 18e+0 7	3.73 64	0.02 0184 1
					inte rcep t	1.249 57e+1	3.352 73e+1 0	- 3.72 701	0.02 0349 8

#### **Dimensions**

Measure Names has 10 members on this sheet

Members: Aggregate Desposits (Crore); Bank Credit (Crore); Cash Deposit Ratio (); Certificates of Deposit (Amount Outstanding) (Crore); Credit Deposit Ratio (); ...

Period Year has 6 members on this sheet

Members: 2017; 2019; 2020; 2021; 2022; ...

#### **Measures**

**Measure Values** ranges from 6 to 543,018,218 on this sheet.

**Sum of Aggregate Desposits** ( **Crore**) ranges from 64,912,439 to 421,697,786 on this sheet.

The filter associated with this field keeps all values.

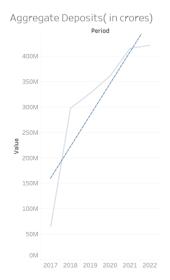
#### **Data Source Details**

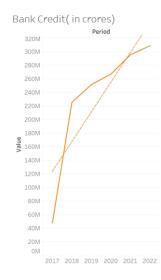
Data Source: moh\_final\_ddg

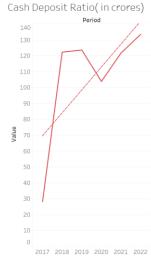
**Type:** Federated

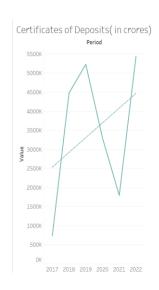
**Table:** moh\_final\_ddg#csv

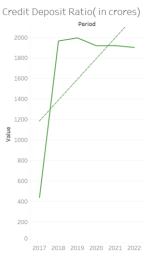
# VISULAIZATION OF EACH MACROECONOMIC FACTOR

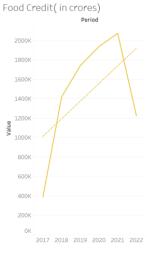


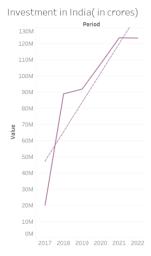


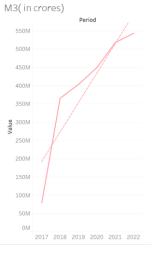


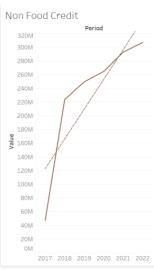












# **Analysis:**

Due to the increasing demands of the people and increasing population the arises the need for the above factors

From 2017 to 2022 the factors got multiplied by 6 times(approx).

Factors	Percentage change(2017-2022)
Aggregate Deposits	649.64%
Non Food Credit	649.48%
Investment In India	614.09%
Aggregate Desposits	649.64%
Bank Credit	646.76%
Food Credit	315.59%
Cash Deposit Ratio (%)	473.04%
Credit Deposit Ratio (%)	432.5%
M3	687.38%
Certificates of Deposit (Amount	739.64%
Outstanding)	

# Highest Change: M3(687.38%)

#### Reason for change:

The M3 money supply is a measure of the total amount of money in circulation in an economy. Changes in M3 can be caused by several macroeconomic factors, including:

- Monetary policy
   Central banks can change the money supply through open market operations, reserve requirements, and interest rates.
- Economic growth

An expanding economy leads to increased demand for money, which can cause an increase in M3.

Inflation

Rising prices can reduce the real value of money, leading to an increase in M3.

Financial innovation

The introduction of new financial products and technologies can increase the money supply.

Exchange rate movements

Changes in the exchange rate can affect the amount of money in circulation.

It's important to note that changes in M3 do not necessarily indicate a change in economic conditions, but rather the response of the central bank and the economy to those conditions.

## Lowest Change: Food Credit(315.59%)

#### Reason for change:

Food credit refers to the amount of credit extended by financial institutions to support the food industry, including agricultural production, processing, and distribution. Changes in food credit can be influenced by several macroeconomic factors, including:

Agricultural production
 Changes in agricultural output can impact the demand for food credit.

Interest rates

Higher interest rates can make borrowing more expensive, reducing the demand for food credit.

Economic growth

An expanding economy can increase the demand for food credit as businesses in the food industry seek to expand their operations.

#### Government policies

Policies related to agriculture, food security, and rural development can affect the availability and cost of food credit.

#### Inflation

Rising prices can increase the cost of food production, leading to a higher demand for food credit.

It's important to note that changes in food credit are just one of many factors that can influence the food industry and food prices. Other factors, such as weather, natural disasters, and trade policies, can also play a significant role.

# PREDICTIONS: CONCLUSION

									Forecast(Cer
									tificates of
		Forecast(Inv	Forecast(Ag						Deposit
	Forecast(Non			Forecast(Ba	Forecast(Foo				(Amount
					d Credit				Outstanding)
Period •						Forecastle	Forecast/ ×	(? Crore))	
		1381917.448							293826.401
	1411163.697				47207.85115		74.953895		293669.712
	1411103.097						74.933893		293513.0231
	1469656.193						74.920843	22165093.65	293315.0231
	1498902.442						74.854738		293330.3341
3/10/2023				3099833271	32349.75478		74.834738	22378894.31	293042.9561
								22485794.64	
	1557394.938				25916.12073 37589.54912		74.788633		292886.2671
	1586641.187						74.75558		292729.5781
	1615887.435			3283121066	47197.2392		74.722528	22699595.3	292572.8892
	1645133.684						74.689475	22806495.63	292416.2002
	1674379.932				60386.25594		74.656423	22913395.96	292259.5112
6/16/2023	1703626.18		3466408861		59683.62761		74.62337	23020296.29	292102.8222
	1732872.429				53788.24554		74.590318		291946.1332
	1762118.677	1762118.677		3588600724	50877.49561	5.3300519	74.557265		291789.4442
	1791364.925						74.524213	23340997.28	291632.7553
	1820611.174			3710792587	44633.41527	5.33434503	74.49116	23447897.61	291476.0663
	1849857.422				39319.62839		74.458108		291319.3773
9/8/2023				3832984451			74.425055	23661698.27	291162.6883
	1908349.919				32165.58032		74.392003	23768598.6	291005.9993
	1937596.167						74.35895	23875498.93	290849.3103
	1966842.415			4016272245	37405.37465		74.325898		290692.6214
• •		1996088.664					74.292845		290535.9324
								24196199.92	
12/1/2023				4199560040			74.22674		290222.5544
	2083827.409					5.3536641	74.193688	24410000.58	290065.8654
12/29/2023	2113073.657	2113073.657	4321751903	4321751903	53604.07107	5.35581067	74.160635	24516900.91	289909.1764
1/12/2024	2142319.905	2142319.905	4382847835	4382847835	50693.32115	5.35795723	74.127583	24623801.24	289752.4875
1/26/2024	2171566.154	2171566.154	4443943767	4443943767	46839.50222	5.3601038	74.09453	24730701.57	289595.7985
2/9/2024	2200812.402	2200812.402	4505039698	4505039698	44449.24081	5.36225036	74.061478	24837601.9	289439.1095
2/23/2024	2230058.651	2230058.651	4566135630	4566135630	39135.45392	5.36439692	74.028425	24944502.23	289282.4205
3/8/2024	2259304.899	2259304.899	4627231562	4627231562	36835.55283	5.36654349	73.995373	25051402.56	289125.7315
3/22/2024	2288551.147	2288551.147	4688327493	4688327493	31981.40586	5.36869005	73.96232	25158302.89	288969.0425
4/5/2024	2317797.396	2317797.396	4749423425	4749423425	25547.77181	5.37083662	73.929268	25265203.22	288812.3536
4/19/2024	2347043.644	2347043.644	4810519356	4810519356	37221.20019	5.37298318	73.896215	25372103.55	288655.6646
5/3/2024	2376289.892	2376289.892	4871615288	4871615288	46828.89028	5.37512974	73.863163	25479003.88	288498.9756
Forecast	ed value fo	r year : 20	23 & 2024						

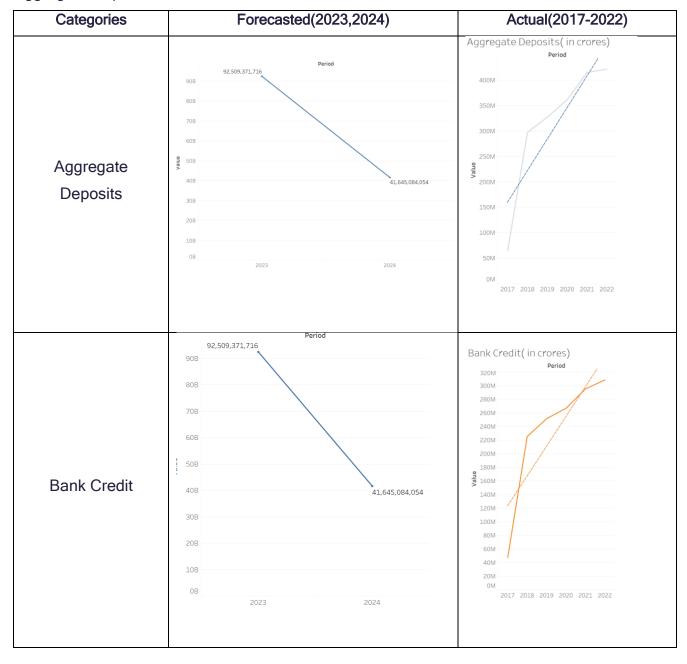
Forecasted value for year: 2023 & 2024

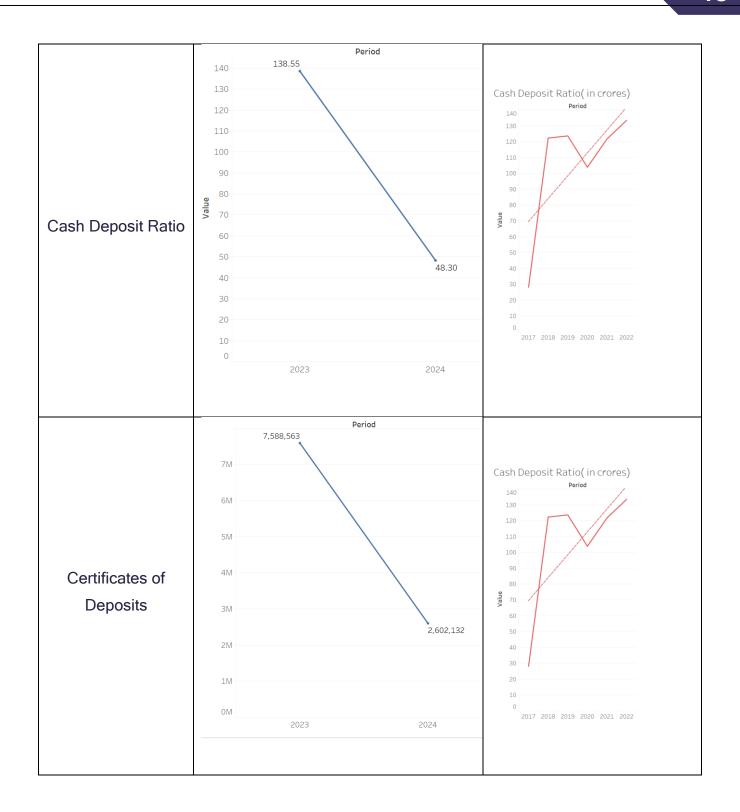
	Non Food Credit	Investme nt In	Aggregat e	Bank	Food				Certificat es of Deposit (Amount Outstand
Period	(? Crore)	India	Desposits (? Crore)	Credit (? Crore)	Credit	Cash Depo	Cradit Dar	M3	ing) (? Crore)
10/13/2017	7815444		10825794	7864022	48577.26	4.69		13127718	
10/27/2017	7822420		10797552	7884645	62225.05	4.75		13115316	
11/10/2017	7862846		10835726	7931081		4.67		13183234	
11/24/2017 12/8/2017	7860339 7929415		10794826 10837668	7934715 7998188	74375.39 68773.74	4.66 4.61		13147309 13214984	121891 119659.3
12/22/2017	8001821		10820874		66445.91	4.77		13208681	126981
1/5/2018	8095278		10948922	8152767		4.65		13354527	152553
1/19/2018	8083400		10927442			4.7		13363234	
2/2/2018 2/16/2018	8181094 8175656		11057590 11002274		52379.08 47552.36	4.54 4.63		13496389 13478992	
3/2/2018	8273397		11137046		45635.44	4.69		13627757	194581
3/16/2018	8304581		11111628		42166.76	4.63		13635044	
3/30/2018	8583436		11426049			5.11		13966008	
4/13/2018 4/27/2018	8414049 8465590		11329115 11381422	8446023 8517625	31974.02 52035.47	4.47 4.89		13914187 13981647	203557.5 206807
5/11/2018	8462620		11342752	8520645	58024.8	4.58		13974411	
5/25/2018	8484745		11352822	8537655		4.74		13984478	
6/8/2018 6/22/2018	8528172		11408349 11352983			4.55		14056195	
7/6/2018	8551880 8597476		11488307	8656613	62538.19 59136.78	4.9 4.76		14003227 14128810	174499.1 168842.3
7/20/2018	8559091		11437139	8609734		4.82		14072866	163850.7
8/3/2018	8623615		11577090		49228.23	4.69		14201117	
8/17/2018	8619005		11511168		54157.9	4.6		14155067	
8/31/2018 9/14/2018	8731899 8748623		11646516 11563681	8780753 8798112	48854.17 49489.27	4.69 4.77		14271408 14215171	163975 157277.3
9/28/2018	8934000		11799855	8981664		4.77		14422908	
10/12/2018	8947579	3494919	11786166	8993106	45526.75	4.62	76.3	14441475	158917.1
10/26/2018	8978940		11771255		55034.75	4.68		14426380	
11/9/2018 11/23/2018	9050879 9060338		11825768 11813574	9111427 9132627	60547.82 72288.05	4.68 4.68		14544755 14518775	131196.7 148505.6
12/7/2018	9126807		11884632	9206253	79445.91	4.66		14518775	155670
12/21/2018	9210294	3347911	11816273	9287636	77341.76	4.67	78.6	14549695	180664
1/4/2019	9265106		12033760			4.57		14771348	182138
1/18/2019 2/1/2019	9261606 9361799		11985974 12122700		70948.9 67729.57	4.76 4.67		14758783 14894534	
2/15/2019	9378626		12119466		61740.17	4.61		14939818	
3/1/2019	9464808	3409141	12230652	9520452	55644.72	4.62	77.84	15054023	208866.8
3/15/2019	9503567		12227455	9556242		5.14		15087088	
3/29/2019 4/12/2019	9730112 9608856		12573772 12530163	9771722	41610.33 35930.63	5.1 4.66		15443594 15420576	
4/26/2019	9577784		12483869		43161.73	4.82		15378604	
5/10/2019	9563057		12517393			4.65		15439816	
5/24/2019	9555822		12499557	9621545	65722.59	4.61		15421077	227147
6/7/2019 6/21/2019	9574299 9577349		12540260 12492467	9651903 9648768	77603.81 71419.48	4.68 4.66		15478177 15416104	218665.8 215944
7/5/2019	9626665		12675270			4.64		15602934	231054
7/19/2019	9592376		12650591		66001.53	4.84		15567781	224039
8/2/2019	9666254		12744583		62747.37	4.67		15641418	198141
8/16/2019 8/30/2019	9619341 9617761		12680041 12780197	9684562 9680153	65220.46 62392	4.84 4.87		15599167 15677090	178635 179455
9/13/2019	9648921		12722857	9713658	64736.3	4.75		15648406	168671
9/27/2019	9708769		12906461		60085.07	4.8		15814167	188101
10/11/2019 10/25/2019			12937922		60290.13	4.74 4.88		15886565	181011
11/8/2019			12978084			4.88		15955362 15989604	171396 171696
11/22/2019			12958473		91304.09			15945749	162443
12/6/2019			13106052		124664	4.73		16164772	163198
12/20/2019			13008881		85143.04	4.95		16062978	160669
1/3/2020		3779746 3713695	13210365 13126595			4.71 4.77		16266158 16217604	178432 181344
1/31/2020			13324001			4.77		16418625	181309
2/14/2020	9969259	3789557	13226295	10042583	73324.08	4.8	75.93	16360364	186042
2/28/2020			13326268			4.75		16459027	
3/13/2020 3/27/2020			13339149		60392.85 51763.97	4.73 4.37		16528590 16791629	173941 172996
4/10/2020					54073.23			16989549	180116
4/24/2020	10220772	3969646	13723182	10273416	52643.42	3.73	74.86	17034133	180891
	10182598		13850368					17209847	171180
5/22/2020 6/5/2020	10143337 10168887		13829915 13955523		79416.24 85682.92	3.77 3.8		17230908 17394405	160455 140165
6/19/2020			13955523			3.85		17315246	
7/3/2020	10218316	4218381	14077081	10304203	85886.44	3.73	73.2	17538911	112425
7/17/2020					86355.44			17490781	
7/31/2020 8/14/2020			14161269 14080510		79287.5 73082.15	3.68 3.72		17625803 17561514	
8/28/2020			14176793			3.72		17647972	
9/11/2020	10163076	4401545	14247285	10226930	63854.49	3.65	71.78	17738365	83242.66
9/25/2020					66426.85				71904.21
10/9/2020			14301947 14291512		63393.08	3.65 3.65		17806236 17803739	70775.51 74214.4
11/6/2020					83631.04				74214.4
11/20/2020			14370435			3.88			64068.52
12/4/2020					95912.73				66533.31
1/1/2020			14478961		93152.4				67960.05
1/1/2021	10610052 10555943		14726749 14625390		92544.7 86950.18	3.88			71871.98 65249.16
1/29/2021					87109.66				62026.32
2/12/2021	10628254	4469578	14781346	10703541	75287.31	3.72			56464.51
2/26/2021					75205.98			18563764	
3/12/2021 3/26/2021			14955805		69192.4 61254.38				58304.34 80621.98
	10888255 10838767		15113512 15211463			4.19 4.09			80621.98 88675.73
		4478813						18919037	
4,23,2021									

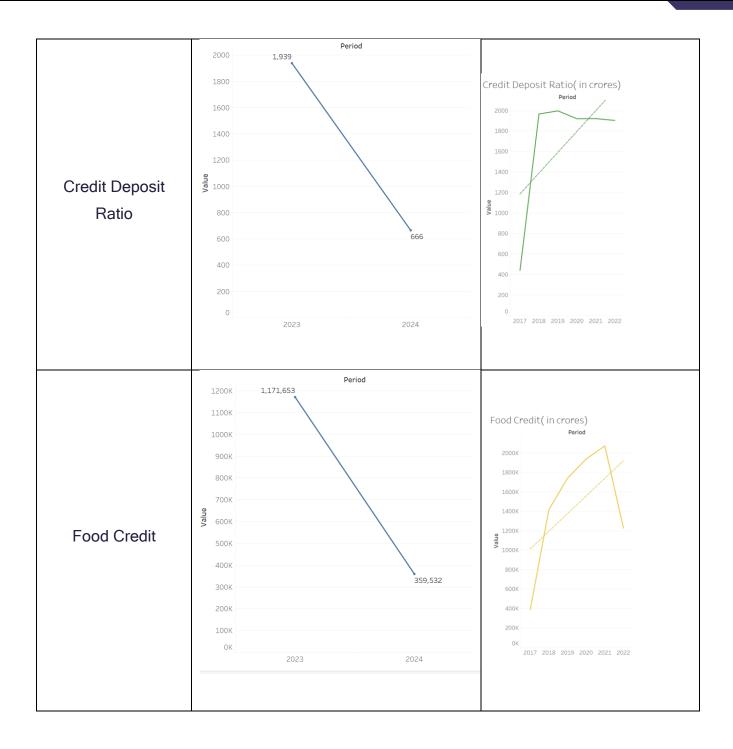
## Original Value

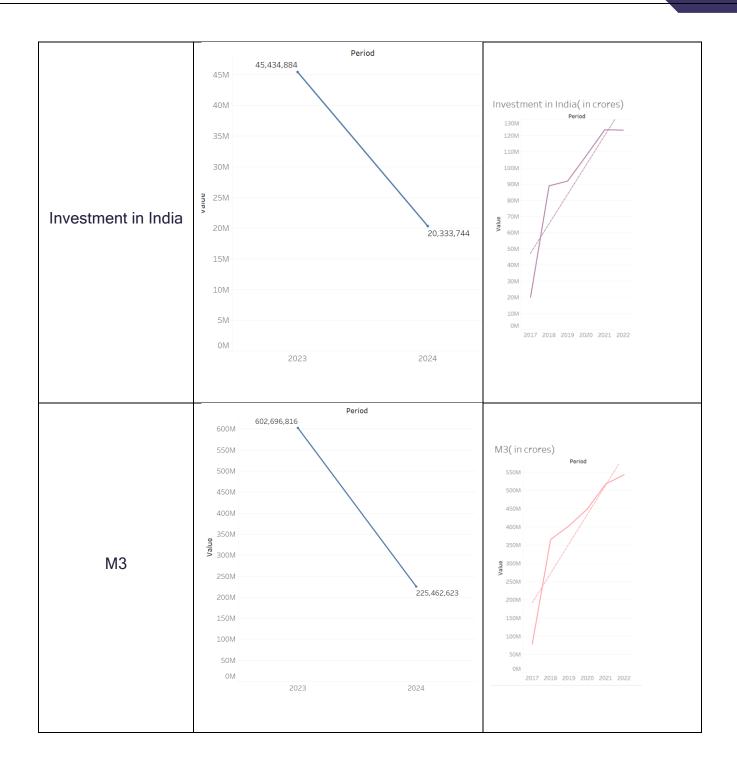
#### Visualization: Actual vs Forecasted

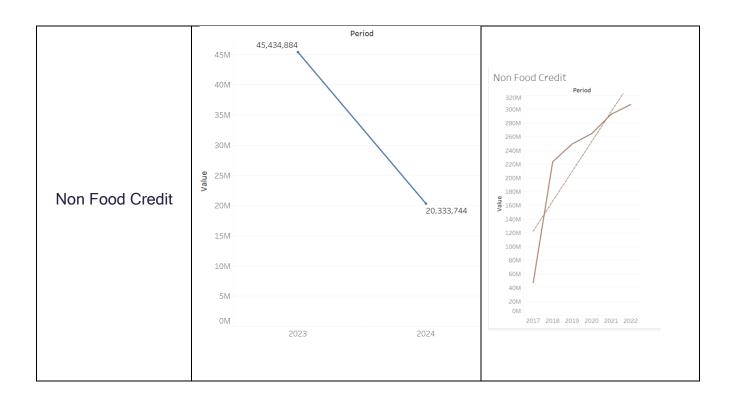
#### **Aggregate Deposits**











# Created a dynamic Visualisation tool:

Method : Flask Editor : Python Type : Dynamic

```
import pandss as pd

/ O.4s Python

data=pd.read_csv("C:\Users\Woh\Desktop\\moh_csv_1.csv")

/ O.2s Python

data=pd.read_csv(r"C:\Users\Woh\Desktop\\moh_csv_1.csv")

/ O.3s Python

a=list(data.columns)

/ O.4s Python

**

I 'Period',

Non rood Credit\n (? Crore)',

'Investment In Indian (? Crore)',

'Aggregate Desposits \n (? Crore)',

'Bank Credit \n (? Crore)',

'Food Credit \n (? Crore)',

'Credit Deposit Ratio (%)',

'Credit Deposit Ratio (%)',

'Credit Deposit (Amount Outstanding) \n (? Crore)']

'Certificates of Deposit (Amount Outstanding) \n (? Crore)']
```

```
import dash_bootstrap_components as dbc
from dash import Dash, dcc, html, Input, Output
import plotly.express as px
0.5s
```

```
app = Dash( name ,external stylesheets=[dbc.themes.MORPH])

∨app.layout = html.Div([
       dcc.Graph(id="time-series-chart"),
           id="State",
          options=a,
          clearable=False,
          searchable=True,
 ∨@app.callback(
 vdef display_time_series(State):
           fig = px.line(df, x='Period', y=State)
           return fig
   app.run_server(debug=False)
(2) 3m 40.1s
Dash is running on http://127.0.0.1:8050/
 * Serving Flask app '__main__'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:8050
Press CTRL+C to quit
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_dash-layout HTTP/1.1" 200 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_dash-dependencies HTTP/1.1" 200 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_dash-component-suites/dash/dcc/async-graph.js HTTP/1.1" 304 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_dash-component-suites/dash/dcc/async-dropdown.js HTTP/1.1" 304 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_dash-component-suites/dash/dcc/async-plotlyjs.js HTTP/1.1" 304 -
127.0.0.1 - - [30/Jan/2023 23:59:55] "GET /_favicon.ico?v=2.7.0 HTTP/1.1" 200 -
127.0.0.1 - - [30/Jan/2023 23:59:56] "POST /_dash-update-component HTTP/1.1" 200 -
127.0.0.1 - - [30/Jan/2023 23:59:58] "POST /_dash-update-component HTTP/1.1" 200 -
127.0.0.1 - - [31/Jan/2023 00:00:00] "POST /_dash-update-component HTTP/1.1" 200 -
127.0.0.1 - - [31/Jan/2023 00:00:02] "POST /_dash-update-component HTTP/1.1" 200 -
127.0.0.1 - - [31/Jan/2023 00:00:06] "POST /_dash-update-component HTTP/1.1" 200 -
```

# Output

