***DAX MEASURES***

**--constituencywise\_details--**

**Winning Candidate =**

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Candidate]),

        'constituencywise\_details'[Total Votes] = MaxVotes )

**Winning Candidate Total Votes =**

"Total Votes:" & " " & MAX('constituencywise\_details'[Total Votes])

**Winning Candidate Vote Share % =**

"Vote Share:" & " " & MAX('constituencywise\_details'[% of Votes]) & " %"

Winning Party Name =

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Party]),

        'constituencywise\_details'[Total Votes] = MaxVotes )

**Runner Up Winning Candidate =**

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes),

        'constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Candidate]),

        'constituencywise\_details'[Total Votes] = SecondMaxVotes )

**Runner Up Winning Candidate Total Votes =**

"Total Votes: " &

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes ),

        'constituencywise\_details'[Total Votes])

RETURN

    SecondMaxVotes

**Runner Up Winning Candidate Vote Share % =**

"Vote Share: " &

VAR MaxVoteShare = MAX('constituencywise\_details'[% of Votes])

VAR SecondMaxVoteShare =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[% of Votes] < MaxVoteShare),

        'constituencywise\_details'[% of Votes])

RETURN

    IF(

        ISBLANK(SecondMaxVoteShare),

        "No second max",

        SecondMaxVoteShare & " %")

**Runner UP Winning Party =**

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes),

        'constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Party]),

        'constituencywise\_details'[Total Votes] = SecondMaxVotes)

**Selected State Name =**

CALCULATE(

    SELECTEDVALUE(states[State], "No State Selected"),

    FILTER( constituencywise\_results, constituencywise\_results[Constituency ID] = MAX( constituencywise\_details[Constituency ID]

)))

**2nd Runner Up Winning Candidate =**

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes),

        'constituencywise\_details'[Total Votes])

VAR ThirdMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < SecondMaxVotes),

        'constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Candidate]),

        'constituencywise\_details'[Total Votes] = ThirdMaxVotes)

**2nd Runner Up Winning Candidate Total Votes =**

"Total Votes: " &

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes),

        'constituencywise\_details'[Total Votes])

VAR ThirdMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < SecondMaxVotes),

        'constituencywise\_details'[Total Votes])

RETURN

    IF(

        ISBLANK(ThirdMaxVotes),

        "No third max",

        ThirdMaxVotes)

**2nd Runner Up Winning Candidate Vote Share % =**

"Vote Share: " &

VAR MaxVoteShare = MAX('constituencywise\_details'[% of Votes])

VAR SecondMaxVoteShare =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[% of Votes] < MaxVoteShare),

        'constituencywise\_details'[% of Votes])

VAR ThirdMaxVoteShare =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[% of Votes] < SecondMaxVoteShare),

        'constituencywise\_details'[% of Votes])

RETURN

    IF(

        ISBLANK(ThirdMaxVoteShare),

        "No third max",

        ThirdMaxVoteShare & " %")

**2nd Runner Up Winning Party =**

VAR MaxVotes = MAX('constituencywise\_details'[Total Votes])

VAR SecondMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < MaxVotes),

        'constituencywise\_details'[Total Votes])

VAR ThirdMaxVotes =

    MAXX(

        FILTER(

            'constituencywise\_details',

            'constituencywise\_details'[Total Votes] < SecondMaxVotes),

        'constituencywise\_details'[Total Votes])

RETURN

    CALCULATE(

        MAX('constituencywise\_details'[Party]),

        'constituencywise\_details'[Total Votes] = ThirdMaxVotes)

**--constituencywise\_results--**

**All Winning\_Alliance =**

LOOKUPVALUE(

    'partywise\_results'[Party Alliance],

    'partywise\_results'[Party ID], 'constituencywise\_results'[Party ID])

**INDIA\_Seats =**

CALCULATE(

    COUNT('constituencywise\_results'[Winning Candidate]),

    'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

**NDA\_Seats =**

CALCULATE(

    COUNT('constituencywise\_results'[Winning Candidate]),

    'partywise\_results'[Party Alliance] = "NDA")

**Party Alliance (Color Legend) =**

LOOKUPVALUE(

    'partywise\_results'[Party Alliance],

    'partywise\_results'[Party ID], 'constituencywise\_results'[Party ID])

**Party Short Name Constituency Level Srt =**

LOOKUPVALUE(

    'partywise\_results'[Party\_Short],

    'partywise\_results'[Party ID], 'constituencywise\_results'[Party ID])

**Party\_Alliance Constituency Level =**

LOOKUPVALUE(

    'partywise\_results'[Party Alliance],

    'partywise\_results'[Party ID], 'constituencywise\_results'[Party ID])

**State\_Alliance =**

**VAR INDIA\_Seats\_State =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

**VAR NDA\_Seats\_State =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "NDA")

RETURN

    IF(INDIA\_Seats\_State > NDA\_Seats\_State, "INDIA Alliance", "NDA Alliance")

**Winning\_Alliance =**

**VAR NDA\_Seat\_Count =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "NDA")

**VAR INDIA\_Seat\_Count =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

RETURN

IF(

    NDA\_Seat\_Count >= INDIA\_Seat\_Count,

    "NDA",

    "I.N.D.I.A.")

--**partywise\_results**--

**Alliance\_Column =**

**VAR INDIA\_Seats\_State =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

**VAR NDA\_Seats\_State =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "NDA")

RETURN

    IF(INDIA\_Seats\_State > NDA\_Seats\_State, "INDIA Alliance", "NDA Alliance")

**Custom Legend =** 0.4

**INDIA Percentage of Seats =**

DIVIDE(

    [Total INDIA Seats],

    [Total Seats],

    0)

**NDA Percentage of Seats =**

DIVIDE(

    [Total NDA Seats],

    [Total Seats],

    0)

**Other Percentage of Seats =**

DIVIDE(

    [Total Other Seats],

    [Total Seats],

    0)

**Party Alliance =**

IF(

    partywise\_results[Party] = "Bharatiya Janata Party - BJP" ||

    partywise\_results[Party] = "Telugu Desam - TDP" ||

    partywise\_results[Party] = "Janata Dal  (United) - JD(U)" ||

    partywise\_results[Party] = "Shiv Sena - SHS" ||

    partywise\_results[Party] = "AJSU Party - AJSUP" ||

   partywise\_results[Party] = "Apna Dal (Soneylal) - ADAL" ||

    partywise\_results[Party] = "Asom Gana Parishad - AGP" ||

    partywise\_results[Party] = "Hindustani Awam Morcha (Secular) - HAMS" ||

    partywise\_results[Party] = "Janasena Party - JnP" ||

    partywise\_results[Party] = "Janata Dal  (Secular) - JD(S)" ||

    partywise\_results[Party] = "Lok Janshakti Party(Ram Vilas) - LJPRV" ||

    partywise\_results[Party] = "Nationalist Congress Party - NCP" ||

    partywise\_results[Party]= "Rashtriya Lok Dal - RLD" ||

    partywise\_results[Party] = "Sikkim Krantikari Morcha - SKM",

    "NDA",

    IF(

        partywise\_results[Party] = "Indian National Congress - INC" ||

        partywise\_results[Party] = "Aam Aadmi Party - AAAP" ||

        partywise\_results[Party] = "All India Trinamool Congress - AITC" ||

        partywise\_results[Party] = "Bharat Adivasi Party - BHRTADVSIP" ||

        partywise\_results[Party]= "Communist Party of India  (Marxist) - CPI(M)" ||

        partywise\_results[Party] = "Communist Party of India  (Marxist-Leninist)  (Liberation) - CPI(ML)(L)" ||

        partywise\_results[Party] = "Communist Party of India - CPI" ||

        partywise\_results[Party] = "Dravida Munnetra Kazhagam - DMK" ||

        partywise\_results[Party] = "Indian Union Muslim League - IUML" ||

        partywise\_results[Party] = "Jammu & Kashmir National Conference - JKN" ||

        partywise\_results[Party] = "Jharkhand Mukti Morcha - JMM" ||

        partywise\_results[Party] = "Kerala Congress - KEC" ||

        partywise\_results[Party] = "Marumalarchi Dravida Munnetra Kazhagam - MDMK" ||

        partywise\_results[Party] = "Nationalist Congress Party Sharadchandra Pawar - NCPSP" ||

        partywise\_results[Party] = "Rashtriya Janata Dal - RJD" ||

        partywise\_results[Party] = "Rashtriya Loktantrik Party - RLTP" ||

        partywise\_results[Party] = "Revolutionary Socialist Party - RSP" ||

        partywise\_results[Party] = "Samajwadi Party - SP" ||

        partywise\_results[Party] = "Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT" ||

        partywise\_results[Party] = "Viduthalai Chiruthaigal Katchi - VCK",

        "I.N.D.I.A.",

        "OTHER"))

**Party\_Short =**

TRIM(

    MID(

        partywise\_results[Party],

        FIND(" - ", partywise\_results[Party], 1) + 3,

        LEN(partywise\_results[Party])))

**Total INDIA Seats =**

CALCULATE(

    SUM(partywise\_results[Won]),

    partywise\_results[Party Alliance] = "I.N.D.I.A.")

**Total NDA Seats =**

CALCULATE(

    SUM(partywise\_results[Won]),

    partywise\_results[Party Alliance] = "NDA")

**Total Other Seats =**

CALCULATE(

    SUM(partywise\_results[Won]),

    partywise\_results[Party Alliance] = "OTHER")

**Total Seats =** SUM(partywise\_results[Won])

--**States**--

**INDIA\_Seats new =**

CALCULATE(

    COUNT('constituencywise\_results'[Winning Candidate]),

    'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

**Winning\_Alliance =**

**VAR NDA\_Seat\_Count =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "NDA")

**VAR INDIA\_Seat\_Count =**

    CALCULATE(

        COUNT('constituencywise\_results'[Winning Candidate]),

        'partywise\_results'[Party Alliance] = "I.N.D.I.A.")

RETURN

IF(

    NDA\_Seat\_Count >= INDIA\_Seat\_Count,

    "NDA",

    "I.N.D.I.A.")