KNOWLEDGE INSTITUTE OF TECHNOLOGY

Quantitative Analysis Of Candidates In 2019 Lok Sabha Elections

DATA ANALYTICS

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OBJECTIVE

- To analyses the “**Candidates In 2019 Lok Sabha Elections**” using IBM Cognos.

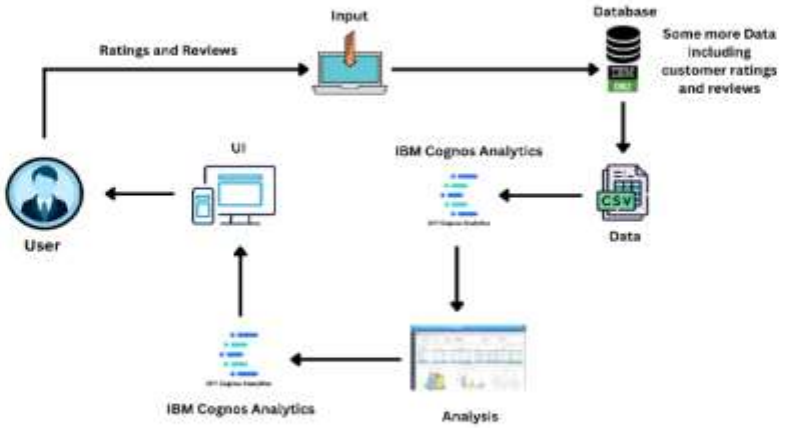
ABSTRACT

- This project is designed to comprehensively analyze the profiles of candidates who contested the 2019 Lok Sabha elections. It focuses on crucial aspects such as demographics, educational qualifications, financial declarations, and criminal records.
- Through rigorous data collection, quantitative analysis, and visualization, this research offers a nuanced understanding of the electoral process. Its findings empower voters to make informed choices, provide data-driven insights to policymakers, engage academic researchers, and assist in developing more effective campaign strategies
- Moreover, the project aims to highlight disparities, promote transparency, and reinforce democratic principles, ultimately contributing to a more informed, transparent, and equitable political system in India.

PROBLEM STATEMENT

- The purpose highlights the use of Quantitative Analysis of Candidates in the 2019 Lok Sabha Elections is that the project addresses the pressing need for a comprehensive examination of the candidates who participated in the pivotal 2019 Lok Sabha elections in India. This undertaking is driven by the challenge of ensuring transparency and informed voter decision-making, as the electorate faced an array of candidates with diverse backgrounds. To address this challenge, the project scrutinizes candidate attributes such as demographics, education, financial disclosures, and criminal records, aiming to empower voters with the information required to make informed choices.

Solution architecture



TOOLS USED

- HARDWARE REQUIREMENS

  Processor : Intel Core i3

  RAM : 8 GB

  Hard Disk : 500 GB

- SOFTWARE REQUIREMENTS

  Operating System : Windows

  Language : HTML, CSS, JavaScript, Python

  Program – Tool : Visual Studio Code

  Web Framework : Flask

- TOOL REQUIREMENTS

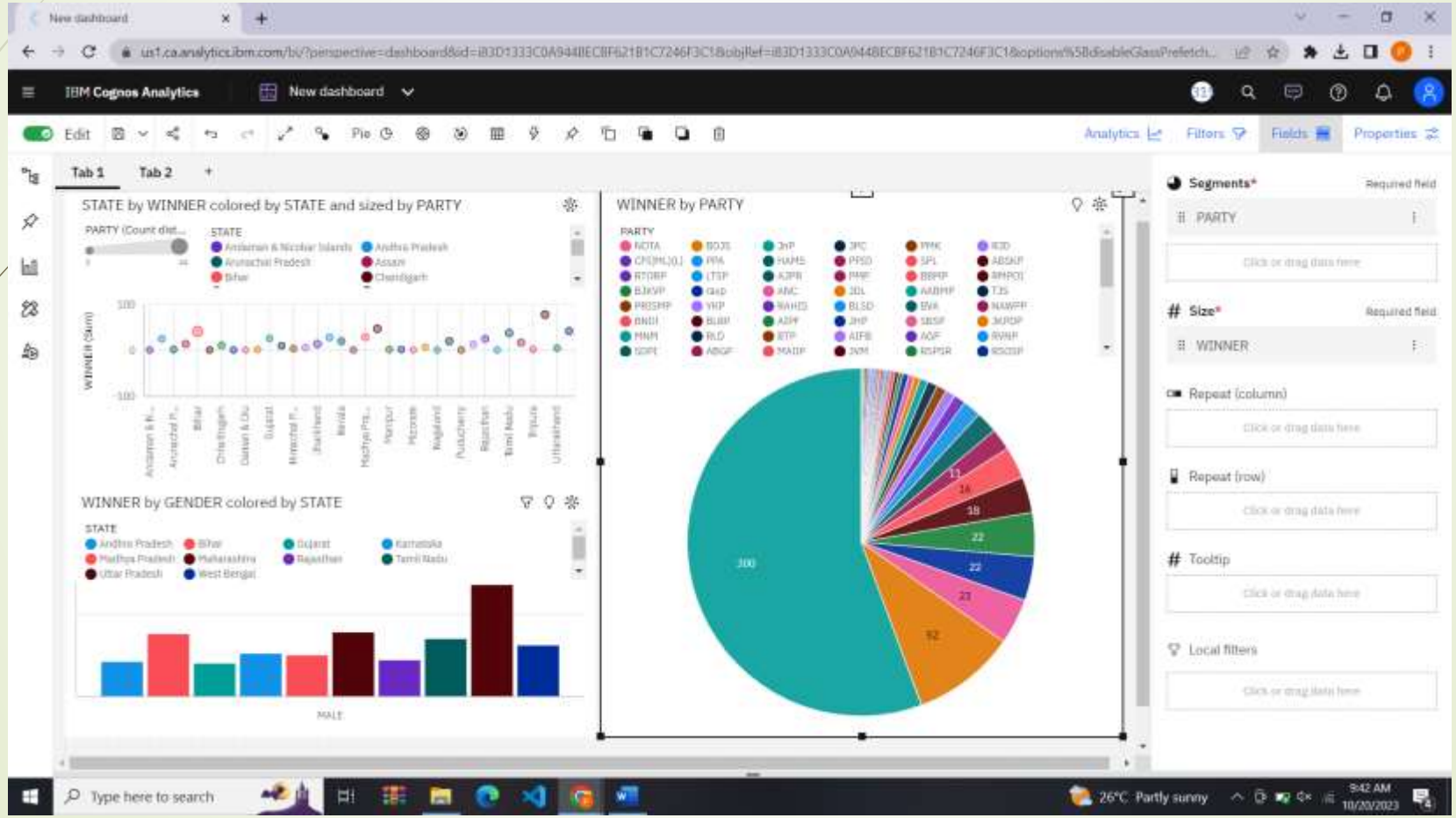
  Operating System : Windows 10

  Disk Space : 256 MB

  Processor : Intel atom processor

  Version : 3.6.2

Dashboard


IBM Cognos Analytics
New dashboard
Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
STATE by WINNER colored by STATE and sized by PARTY
WINNER by PARTY
WINNER by GENDER colored by STATE
Segments*
PARTY
Size*
WINNER
Repeat (column)
Repeat (row)
Tooltip
Local filters
Type here to search
26°C Partly sunny

Story

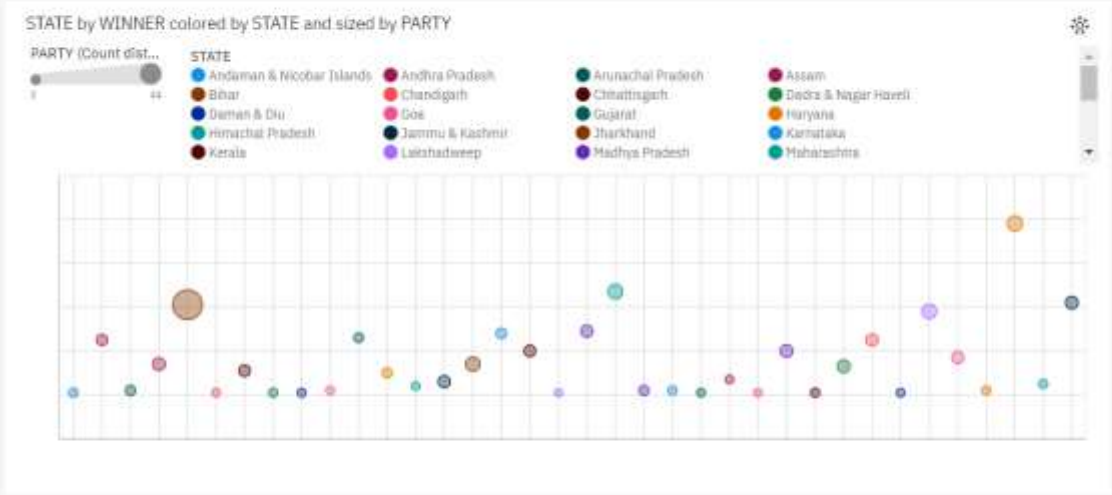
Edit

Analytics Filters

Winner by state

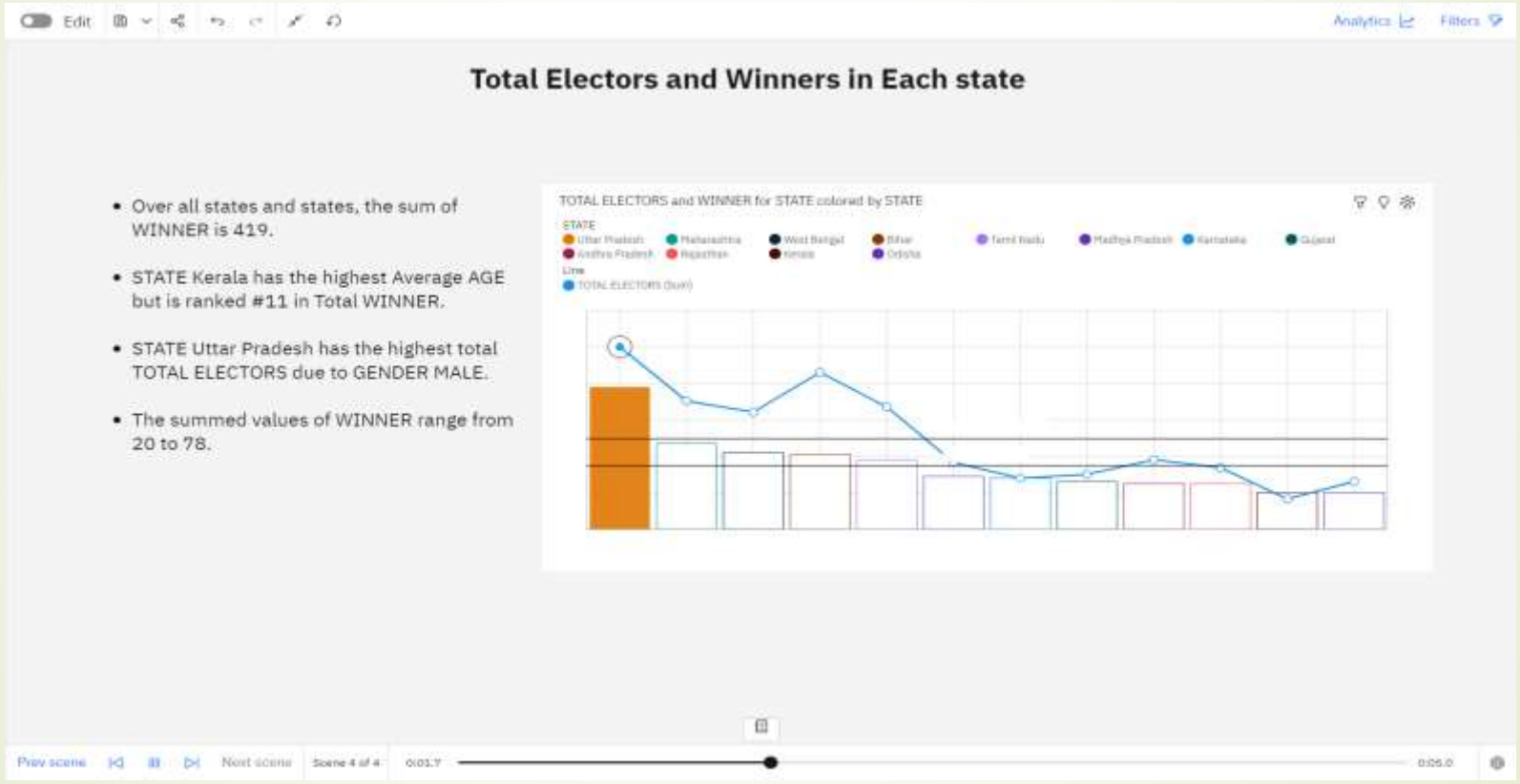
- The summed values of WINNER range from 1 to 78.
- For WINNER, the most significant value of STATE is Uttar Pradesh, whose respective WINNER values add up to 78, or 14.5 % of the total.

- GENDER MALE has the highest PARTY at 290, out of which STATE Bihar contributed the most at 42.



Prev scene Next scene Scene 3 of 4 0:01.3 0:05.0

STORY


Edit
Analytics
Filters
Total Electors and Winners in Each state
Over all states and states, the sum of WINNER is 419.
STATE Kerala has the highest Average AGE but is ranked #11 in Total WINNER.
STATE Uttar Pradesh has the highest total TOTAL ELECTORS due to GENDER MALE.
The summed values of WINNER range from 20 to 78.
TOTAL ELECTORS and WINNER for STATE colored by STATE
STATE
Line
Prev scene
Next scene
Scene 4 of 4

REPORT


IBM Cognos Analytics
Lok Sabha - Report
Edit
Report > Pages > Page1
Page preview
Properties
Winners according to party
WINNER
PARTY
NOTA
IND
CPI(ML)(L)
ABSKP
BBMP
JDL
YKP
BSP
SHS
PPA
RTORP
RMPOI
AKBMP
RLTP
BDJS
JPC
HAMS
LTSP
BJKVP
TJS
RAHIS
SP
PMK
PPID
AJPR
ravp
MNF
BLSD
JnP
RJD
SPL
PMP
ANC
PRISMP
BVA
BJP
INC
Average age by state
STATE
Telangana
Gujarat
Jammu & Kashmir
Arunachal Pradesh
Dadra & Nagar Haveli
Lakshadweep
Tripura
Maharashtra
West Bengal
Andaman & Nicobar Islands
Assam
Himachal Pradesh
Nagaland
Bihar
West Bengal
AGE
STATE
Total Electors by Constituency coloured by category
CATEGORY
SC
GENERAL
ST
TOTAL ELECTORS
CONSTITUENCY

THANK YOU