**KARNATAKA 2023 ELECTIONS: REAL TIME ANALYSIS**

***Data from:***

Constituency Wise Winner Data: [https://www.hindustantimes.com/electi...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbUVfUXlZczJNM0lZelBRck1idjN4YWxWRmxvQXxBQ3Jtc0ttbnpkaGZBVDF2eWExZnVvU1BzMEtoSXE5UHdMdGFNcGoyLVJhc20wTU40NmlqTXZpUG80UlhRQWdtbUdLVmFsRDVqZlpIUlB4a1B5ODhxbmhfNXBpN0tWdWhIYkFMcVp4UFltVE1GdWtibEcwbTg5bw&q=https%3A%2F%2Fwww.hindustantimes.com%2Felections%2Fkarnataka-assembly-election%2Fkarnataka-assembly-election-results-2023-live-updates-winning-candidates-full-list-how-many-seats-bjp-congress-jds-won-101683939928400.html&v=NCdxGPor9KM)

Seats Won and Vote %: [https://results.eci.gov.in/ResultAcGe...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbGNIaXBlZ2wwcnNSYWhTV3AtVUZSUDBKRVVXd3xBQ3Jtc0tsdGhHRHF2S1YxQVlxd3VjX255dmhzTEQwVmlzNkdCcWFZRVVDYlNsbk5DVFB4c0hfZmR2OUd5SDQyTi01MmZ4WW9jc2hRNXlodlc5SHh2YjZURmZOZjdOckhYd2ZsX2dObGNhc3B2U1AtTGg3VjRRSQ&q=https%3A%2F%2Fresults.eci.gov.in%2FResultAcGenMay2023%2Fpartywiseresult-S10.htm&v=NCdxGPor9KM)

***Steps:***

-importing data

-data formatting by transform data (data cleaning)

-remove rows which are not needed

-renaming datasets as per our convinience

-adding conditional column in every dataset to create relationship between tables.

-creating realtionship(data modelling)

-visualizing

***For styles:***

Party Flags INC: [https://upload.wikimedia.org/wikipedi...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbjVaSFBzZXJWbE5kV1JBMzgwNW9QVTlBT3NVQXxBQ3Jtc0trSmdhd0NDMlR4OTU1QjRvTjc5V1ZhSmVMUXZOaTB3WTFyZlo3azJOamFRdkRXNTJmckFFLTNPVHNEejRaRC1VVFVKWXJyY2dhTWkzel93MHJiVUNqOHdIaG1YQzRhREZOY1AyNDZEdmFPQXVhNHE0Zw&q=https%3A%2F%2Fupload.wikimedia.org%2Fwikipedia%2Fcommons%2Fa%2Fad%2FINC_Logo.png&v=NCdxGPor9KM)

BJP: [https://th.bing.com/th/id/OIP.CXjh6fu...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbkxpZGtzazVNZm5MZUs5VUtsM05sNXpMOU9RUXxBQ3Jtc0ttdlFMbmNuTmUwQ0xYaHhuZmwxY0Rvc1dLR3FLX0dxc0FOZzhFVTluZVozWnhDYkNYc3JhRDMzMldIRG5QMGFGT3RUX1k3RXZWNVZEYWZqMDFVdHBkNzd2cnRPWnZMVHRrbi1qWVRSajdrc0RMSmZ3VQ&q=https%3A%2F%2Fth.bing.com%2Fth%2Fid%2FOIP.CXjh6futy73KaWUeWmUaJAHaGv%3Fpid%3DImgDet%26rs%3D1&v=NCdxGPor9KM)

JD(S): [https://th.bing.com/th/id/R.e1c79b1b5...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbFg1VmxMYWUxTzdPY1dIbVBuWWRua3FZQ1FXUXxBQ3Jtc0trY0NWc2lFcmdoY3ltQXNHNVZCd1A0YVhkb1VIWlhTX2Etc01BZDgxUkNjM0ZaMjJ0OGJ4RWxzZHZBNHdDb0tJSmg4MncwZnlXV2g3cDRjWnVFZ1dRcXFSaFh4aDZwd01Ha3lQaVRKLVFrR1dmSWp3UQ&q=https%3A%2F%2Fth.bing.com%2Fth%2Fid%2FR.e1c79b1b5de8f52f5c53684a488c0194%3Frik%3DsWYpABYWCcYkdQ%26riu%3Dhttp%253a%252f%252fjds.ind.in%252fwp-content%252fuploads%252f2020%252f09%252fcropped-JDS-LOGO1-1.png%26ehk%3DyoVDN%252fPp%252foGFfThw9frJ8ywSkHC1z1Jv4KQUncOe%252blc%253d%26risl%3D%26pid%3DImgRaw%26r%3D0&v=NCdxGPor9KM)

Others: [https://th.bing.com/th/id/R.5107ef021...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbmJhblV2ZmRmcEstOXVmRUVJR2RiVzdNZWtDd3xBQ3Jtc0tsSVBQWUpfWHNwcWUzWHdiTUYxV3NZS1Jkdzl6M05zUGNleVhRNUVYN3FpM2pSdEJ4MlFER2Rab0VOcTA3R09EdWVtU2RqS01FMUttV1dwbTNHX0JDSXdVZnRRYXJWa1EtTGhXbTRxaXJiSEFCSGtrVQ&q=https%3A%2F%2Fth.bing.com%2Fth%2Fid%2FR.5107ef021d7b289a8c629052253ad5bf%3Frik%3DOrhUQc5xv4OrsQ%26riu%3Dhttp%253a%252f%252fwww.pngmart.com%252ffiles%252f7%252fIndia-Map-PNG-Photos.png%26ehk%3DT4dUE85OuaR9fANLA2R24ieMbq39j7BG3HhhXr0TGSA%253d%26risl%3D1%26pid%3DImgRaw%26r%3D0&v=NCdxGPor9KM)