Donations to political parties summary

**Columns/features:**

1. Political Party
2. Donator
3. Address
4. Pan Y/N
5. Amount
6. Contribution Mode
7. Financial Year

Graphical user interface, application

Description automatically generated

**Use Cases:**

* Change below column names:

|  |  |
| --- | --- |
| Contribution Mode | mode\_of\_payment |
| Financial Year | fin\_year |
| PAN Given | pan\_given |

* Encrypt address column

|  |  |
| --- | --- |
| 16-B, Ferozeshah Road New Delhi-1 | aebd8d41127096039df138069fab7630 |

* Categorize mode\_of\_payment into below 4 categories
  + Cash
  + Cheque
  + Bank
  + Others
* Calculate aggregates per party

(below columns should b)

'INC\_SUM\_LTD',

'BJP\_SUM\_LTD',

'NCP\_SUM\_LTD',

'CPI\_SUM\_LTD',

'CPI(M)\_SUM\_LTD',

'INC\_COUNT\_LTD',

'BJP\_COUNT\_LTD',

'NCP\_COUNT\_LTD',

'CPI\_COUNT\_LTD',

'CPI(M)\_COUNT\_LTD',

'INC\_AVG\_LTD',

'BJP\_AVG\_LTD',

'NCP\_AVG\_LTD',

'CPI\_AVG\_LTD',

'CPI(M)\_AVG\_LTD',

'INC\_MAX\_LTD',

'BJP\_MAX\_LTD',

'NCP\_MAX\_LTD',

'CPI\_MAX\_LTD',

'CPI(M)\_MAX\_LTD'

* Calculate top donor per party
  + BJP\_TOP\_DONOR
  + CPI\_TOP\_DONOR
  + INC\_TOP\_DONOR
  + NCP\_TOP\_DONOR
  + CPI(M)\_TOP\_DONOR
* Calculate sum of donations per financial year per party and the column should be named as 2011-12\_BJP\_SUM
* Calculate number of donation till date per mode\_of\_payment
  + Bank\_count\_LTD
  + Cheque\_count\_LTD
  + Cash\_count\_LTD
  + Others\_count\_LTD
* Write the final data into parquet