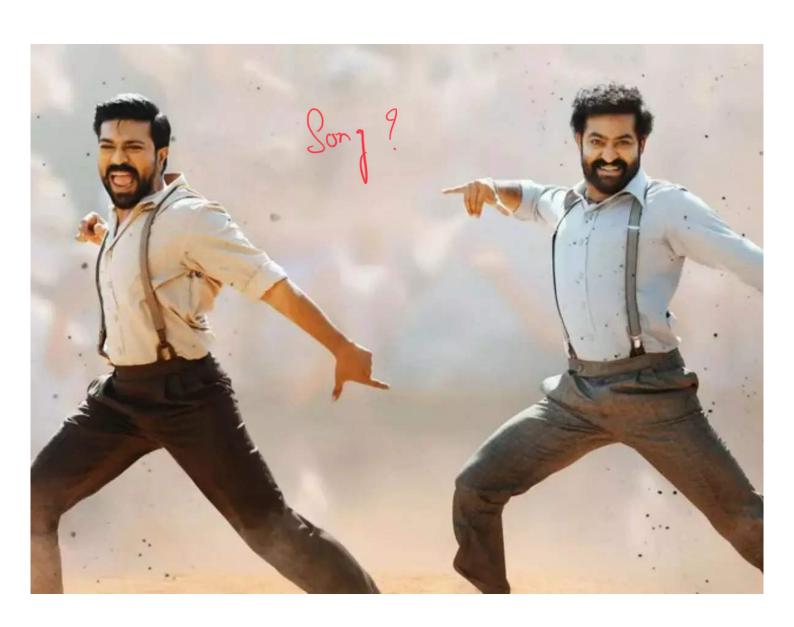
## GSheets Lecture 3 - Pivot Tables, Statistical Functions & Macros

## Agenda

DAF

- Problem Statement I
  - Functions
    - Unique, Filter
  - Pivot Tables
    - Helper column, Calculated Fields, Pivot Filter, Slicers
  - Duplicate Row Deletion
  - Custom formatting of cell
  - Conditional formatting
    - Top/Bottom Rules, Highlight rules, Data Bars
  - Charts
    - Bar, Pie, Stacked Bar
  - Conclusion
  - Match Summary Analysis Demonstration
  - Problem Statement II
    - Statistical Functions
      - Mean, Median, Mode, SD, Variance, Quartile, Min, Max
      - Box Plot, Histogram
  - Problem Statement III
    - Macros in Google Sheets



Pirot fables by way to quickly Summann large Lata setts by M Compag 4 Aggreeght os flatory 4 types of kelds 4 Value held 15 Row field G Column Buld 4) Filter field Statistical G0;000 95,000 62000 55,0W 99,000 7-210W 88,000 39,000 -4

Mean (Arg) = 60+95+62+15+99+73+18+4 = middle voluc (55), 6p, 62, 7.3, 79, 81,95,99 Median  $(\frac{1}{2})^{n} + (\frac{n+2}{2})^{n} / 2$ 7 4 4 5 × 2 n 73+79/2 = (760m) = Most hæguert valu Mode o (No Mode) Standard Deviation (Stdew) Ly measure of spread Aug = 76375  $= \frac{55000}{76375} = \frac{21,37}{-16,315}$   $= \frac{76375}{18,625}$ 

