Research Paper

Sayan Das

SRM University

Statistics on Cricket World Cup 2015

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<center>Visualisation of CWC15 Statistics</center>

Following report contains the tweets streamed during 29 March, 2015 having the tags CWC15, CWC15Final, AUSvsNZ, NZvsAUS, AUSvNZ, NZvAUS during the interval of 9.22AM and 3.03PM from India only. Twitters developers API was used to stream the data.

After collecting all the data were rearranged according to number of tweets from each and every states of india. Proper statistical deduction were made out from the data.

For the visualisation of the data Googles GeoChart API was used to show the percentage tweets tweeted from the different states of India. Following shows the statistical data obtained from the survey.

∗ Total tweets collected between 9.22AM to 3.03PM = 10,030

∗ Total tweets whose location can be obtained = 5, 649

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Distrubution on the basis of the location of tweets

States	Tweets
Andhra Pradesh	53
Assam	58
Bihar	55
Chandigarh	40
Delhi	923
Goa	73
Himachal Pradesh	25
Haryana	115
Jammu & Kashmir	138
Karnataka	633
Kerala	120
Lakshdweep	1
Maharshtra	1477
Meghalaya	1
Madhya Pradesh	45
Nagaland	5
Orissa	60
Panjab	141
Pondicherry	9
Rajasthan	160
Sikkim	1
Telangana	212
Tamil Nadu	504
Tripura	16
Uttarakhand	64
Uttar Pradesh	251
West Bengal	265
Chattisgarh	0
Manipur	0
Mizoram	0

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```
1    <html>
2      <head>
3        <script type="text/javascript" src="https://www.google.com/jsapi"></script>
4        <script type="text/javascript">
5          google.load("visualization", "1", {packages:["geochart"]});
6          google.setOnLoadCallback(drawRegionsMap);
7          function drawRegionsMap() {
8            var data = google.visualization.arrayToDataTable([
9                ['State', 'Percent'],
10
11               ['IN-AP', 0.93821925], ['IN-AS', 1.0267305], ['IN-BR', 0.97362375], ['IN-CH', 0.70809],
12               ['IN-DL', 16.33917675], ['IN-GA', 1.29226425], ['IN-GJ', 3.59355675], ['IN-HP', 0.44255625],
13               ['IN-HR', 2.03575875], ['IN-JH', 0.01770225], ['IN-JK', 2.4429105], ['IN-KA', 11.20552425],
14               ['IN-KL', 2.12427],['IN-LD', 0.01770225], ['IN-MH', 26.14622325], ['IN-ML', 0.01770225],
15               ['IN-MP', 0.79660125], ['IN-NL', 0.08851125], ['IN-OR', 1.062135], ['IN-PB', 2.49601725],
16               ['IN-PY', 0.15932025], ['IN-RJ', 2.83236], ['IN-SK', 0.01770225], ['IN-TG', 3.752877],
17               ['IN-TN', 8.921934], ['IN-TR', 0.283236], ['IN-UK', 1.132944], ['IN-UP', 4.44326475],
18               ['IN-WB', 4.69109625],['IN-CT', 0], ['IN-AR', 0], ['IN-MN', 0], ['IN-MZ', 0]
19
20             ]);
21
22           var options = {
23             region: 'IN',
24             resolution: 'provinces',
25             colorAxis: {minValue: 0,  colors: ['orange', '#FF0000']},
26             backgroundColor: '#81d4fa',
27             datalessRegionColor: '#f8bbd0'
28           };
29
30           var chart = new google.visualization.GeoChart(document.getElementById('geochart-colors'));
31           chart.draw(data, options);
32         };
33       </script>
34     </head>
35     <body>
36       <div id="geochart-colors" style="width: 700px; height: 433px;"></div>
37     </body>
38   </html>
39
```

Visualisation Using Google Interactive GeoChart API